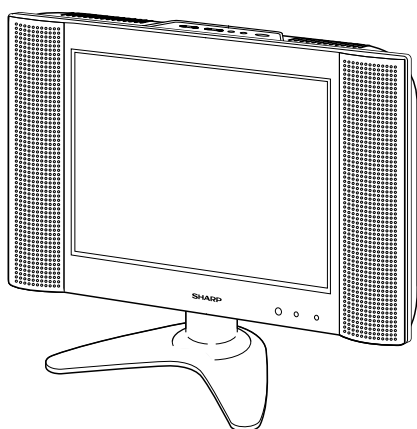


SHARP**SERVICE MANUAL**

S61U5LC-13B2U

**LCD COLOR TELEVISION****MODEL LC-13B2U**

In the interests of user-safety (Required by safety regulations in some countries) the set should be restored to its original condition and only parts identical to those specified should be used.

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SHARP CORPORATION

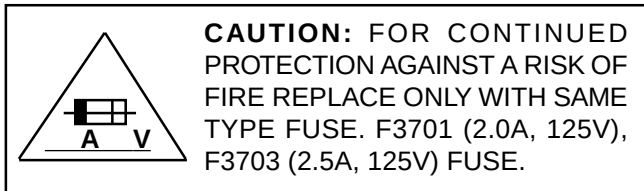
This document has been published to be used for after sales service only.
The contents are subject to change without notice.

IMPORTANT SERVICE SAFETY PRECAUTION

- Service work should be performed only by qualified service technicians who are thoroughly familiar with all safety checks and the servicing guidelines which follow:

WARNING

1. For continued safety, no modification of any circuit should be attempted.
2. Disconnect AC power before servicing.



BEFORE RETURNING THE RECEIVER (Fire & Shock Hazard)

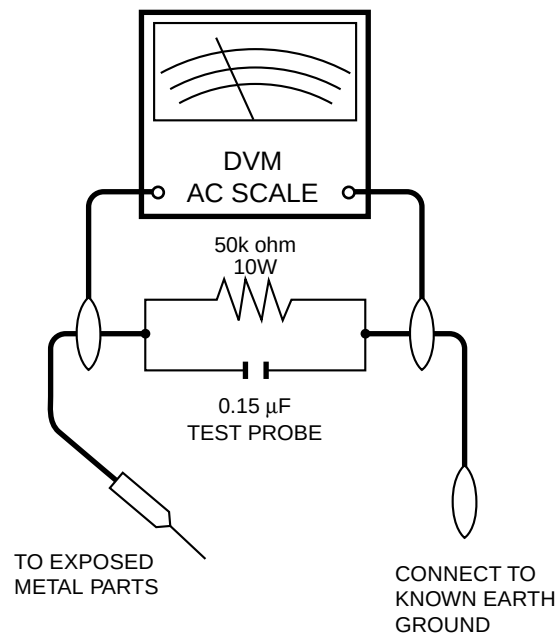
Before returning the receiver to the user, perform the following safety checks:

1. Inspect all lead dress to make certain that leads are not pinched, and check that hardware is not lodged between the chassis and other metal parts in the receiver.
2. Inspect all protective devices such as non-metallic control knobs, insulation materials, cabinet backs, adjustment and compartment covers or shields, isolation resistor-capacitor networks, mechanical insulators and etc.
3. To be sure that no shock hazard exists, check for leakage current in the following manner.
 - Plug the AC cord directly into a 110~240 volt AC outlet, and connect the DC power cable into the receiver's DC jack. (Do not use an isolation transformer for this test).
 - Using two clip leads, connect a 50k ohm, 10 watt resistor paralleled by a 0.15 μ F capacitor in series with all exposed metal cabinet parts and a known earth ground, such as electrical conduit or electrical ground connected to an earth ground.

- Use an AC voltmeter having with 5000 ohm per volt, or higher, sensitivity or measure the AC voltage drop across the resistor.
- Connect the resistor connection to all exposed metal parts having a return to the chassis (antenna, metal cabinet, screw heads, knobs and control shafts, escutcheon and etc.) and measure the AC voltage drop across the resistor.

All checks must be repeated with the AC cord plug connection reversed. (If necessary, a nonpolarized adaptor plug must be used only for the purpose of completing these checks.)

Any reading of 0.75V peak (this corresponds to 0.5 milliamp. peak AC.) or more is excessive and indicates a potential shock hazard which must be corrected before returning the monitor to the owner.



SAFETY NOTICE

Many electrical and mechanical parts in LCD television have special safety-related characteristics.

These characteristics are often not evident from visual inspection, nor can protection afforded by them be necessarily increased by using replacement components rated for higher voltage, wattage and etc.

Replacement parts which have these special safety characteristics are identified in this manual; electrical components having such features are identified by "⚠"

and shaded areas in the **Replacement Parts Lists** and **Schematic Diagrams**.

For continued protection, replacement parts must be identical to those used in the original circuit.

The use of a substitute replacement parts which do not have the same safety characteristics as the factory recommended replacement parts shown in this service manual, may create shock, fire or other hazards.

PRECAUTIONS A PRENDRE LORS DE LA REPARATION

■ Ne peut effectuer la réparation qu' un technicien spécialisé qui s'est parfaitement accoutumé à toute vérification de sécurité et aux conseils suivants.

AVERTISSEMENT

1. N'entreprendre aucune modification de tout circuit. C'est dangereux.
2. Débrancher le récepteur avant toute réparation.



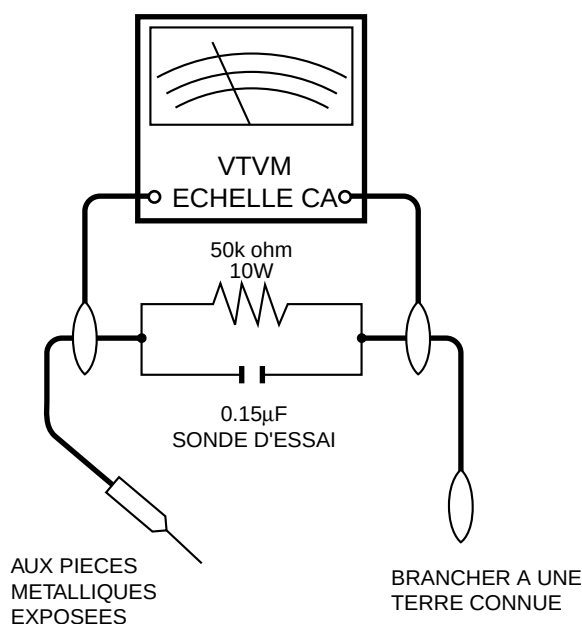
VERIFICATIONS CONTRE L'INCEN-DIE ET LE CHOC ELECTRIQUE

Avant de rendre le récepteur à l'utilisateur, effectuer les vérifications suivantes.

1. Inspecter tous les faisceaux de câbles pour s'assurer que les fils ne soient pas pincés ou qu'un outil ne soit pas placé entre le châssis et les autres pièces métalliques du récepteur.
2. Inspecter tous les dispositifs de protection comme les boutons de commande non-métalliques, les isolants, le dos du coffret, les couvercles ou blindages de réglage et de compartiment, les réseaux de résistance-capacité, les isolateurs mécaniques, etc.
3. S'assurer qu'il n'y ait pas de danger d'électrocution en vérifiant la fuite de courant, de la façon suivante:
 - Brancher le cordon d'alimentation directement à une prise de courant de 110-240V. (Ne pas utiliser de transformateur d'isolation pour cet essai).
 - A l'aide de deux fils à pinces, brancher une résistance de 50 k Ω 10 watts en parallèle avec un condensateur de 0,15 μ F en série avec toutes les pièces métalliques exposées du coffret et une terre connue comme une conduite électrique ou une prise de terre branchée à la terre.

- Utiliser un voltmètre CA d'une sensibilité d'au moins 5000 Ω /V pour mesurer la chute de tension en travers de la résistance.
 - Toucher avec la sonde d'essai les pièces métalliques exposées qui présentent une voie de retour au châssis (antenne, coffret métallique, tête des vis, arbres de commande et des boutons, écusson, etc.) et mesurer la chute de tension CA en-travers de la résistance. Toutes les vérifications doivent être refaites après avoir inversé la fiche du cordon d'alimentation. (Si nécessaire, une prise d'adpatation non polarisée peut être utilisée dans le but de terminer ces vérifications.)
- Tous les courants mesurés ne doivent pas dépasser 0,5 mA.

Dans le cas contraire, il y a une possibilité de choc électrique qui doit être supprimée avant de rendre le récepteur au client.



AVIS POUR LA SECURITE

De nombreuses pièces, électriques et mécaniques, dans les téléviseurs présentent des caractéristiques spéciales relatives à la sécurité, qui ne sont souvent pas évidentes à vue. Le degré de protection ne peut pas être nécessairement augmentée en utilisant des pièces de remplacement étalonnées pour haute tension, puissance, etc.

Les pièces de remplacement qui présentent ces caractéristiques sont identifiées dans ce manuel; les pièces électriques qui présentent ces particularités sont

identifiées par la marque " ⚠ " et hachurées dans la liste des pièces de remplacement et les diagrammes schématiques.

Pour assurer la protection, ces pièces doivent être identiques à celles utilisées dans le circuit d'origine. L'utilisation de pièces qui n'ont pas les mêmes caractéristiques que les pièces recommandées par l'usine, indiquées dans ce manuel, peut provoquer des électrocutions, incendies, radiations X ou autres accidents.

Specifications

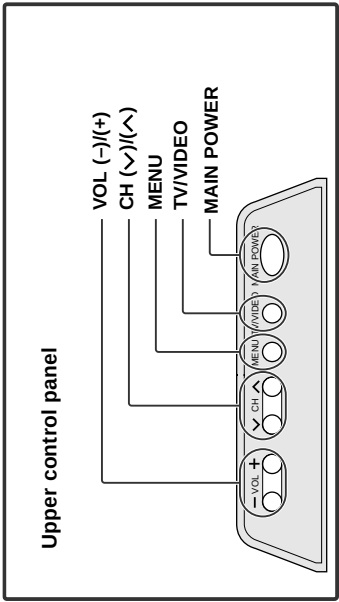
Items		Model	LC-13B2U
LCD panel			13" TFT LCD
Number of pixels			921,600 pixels VGA
Video color systems			N358, N443, PAL, PAL-M, PAL-N, SECAM, PAL-60
TV function	Destination		USA/Latin A/Twn
	TV Standard (CCIR)		NTSC/PAL-M/PAL-N
	TV Tuning System		PLL 181 ch.
	STEREO		MTS+SAP
	CATV		125 ch.
4-LINE COMB FILTER			Yes
Brightness			430 cd/m ²
Lamp life			60,000 hours
Viewing angles			H: 160° V: 160°
Audio amplifier			2.1 W × 2
Speakers			1-37/64 × 2-3/4 in. (4 × 7 cm), 2 pcs.
Terminals	AV1		AV-IN1, S-VIDEO-IN
	AV2		AV-IN2/AV-OUT
	COMPONENT		COMPONENT-IN, AUDIO-IN
	Antenna		F-Type
	Headphone		Mini-jack for stereo (3.5 ø)
OSD language			English/French/Spanish
Power supply			DC 12 V, AC 110–240 V, 50/60 Hz
Weight			8.4 lbs (3.8 kg), w/o accessories
Accessories			Remote control, Batteries, Antenna cable, AC adapter, AC cord, Cable clamps

■ Design and specifications are subject to change without notice.

Operation Manual

FRONT AND REAR CONTROL OPTIONS

Main unit (front view)



Speaker

Speaker

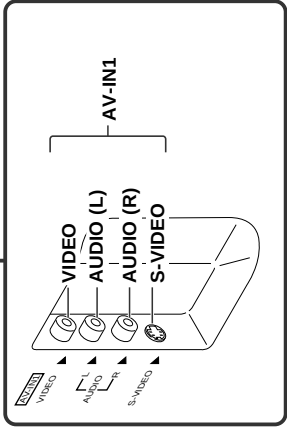
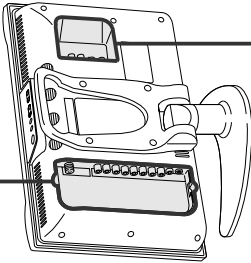
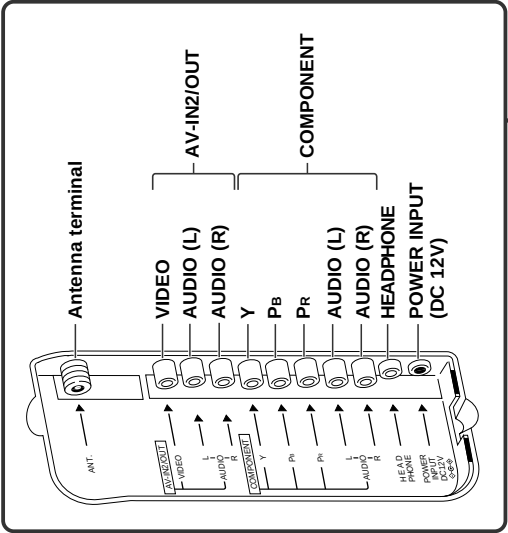
To change the vertical angle of the LCD TV set, tilt the screen up to 10 degrees forward or 20 degrees backward. The TV set can also be rotated 90 degrees horizontally. Please adjust the angle so that the TV set can be watched most comfortably.

Remote sensor window
(The actual location is not visible.)

SLEEP indicator
The SLEEP indicator lights up red when the SLEEP TIMER is set to on.

POWER indicator
A green indicator lights when the power is on and a red indicator lights when in the standby mode (the indicator will not light when the main power is off).

Main unit (rear view)



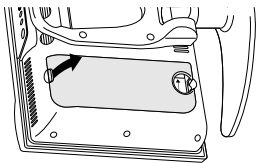
Note:

■ TV/VIDEO, CH (v)/(^), and VOL (+)/(-) on the main unit have the same functions as the same buttons on the remote control. Fundamentally, this operation manual provides a description based on operation with the remote control.

FRONT AND REAR CONTROL OPTIONS (Continued)

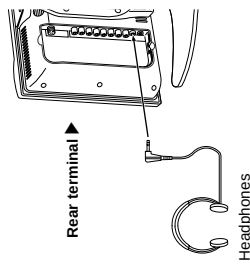
Removing the Back Cover

- Before connecting a connection cord into the rear terminal, remove the back cover. Pull the back cover carefully.
- Put back the cover by completely inserting the 2 hooks of the back cover into the rear of the TV set.

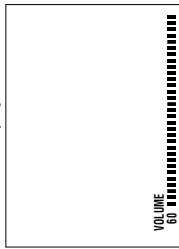


Listening with Headphones

- Plug the headphone mini-plug into the HEADPHONE jack located on the rear of the TV set.



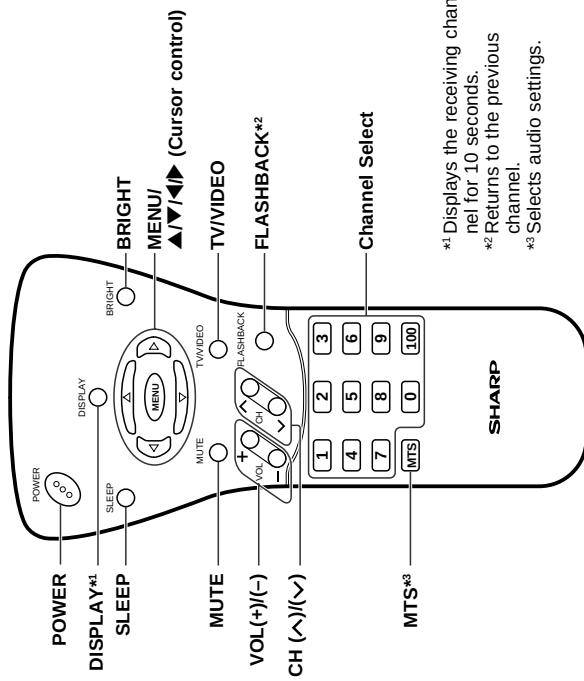
▼ On-screen display



Notes:

- Headphones are not included in the supplied accessories.
- No sound will be heard from the main unit speakers when a headphone mini-plug is connected into the HEADPHONE jack.

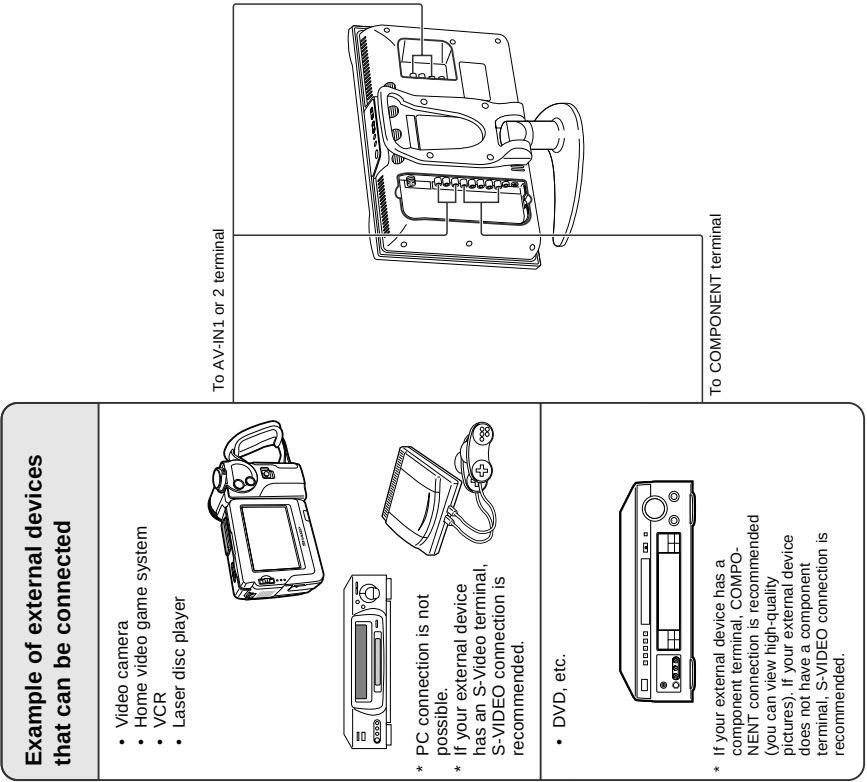
REMOTE CONTROL

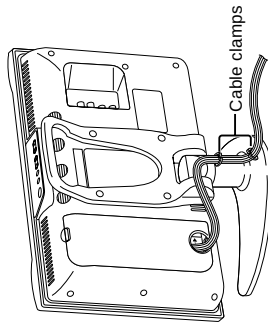


- *1 Displays the receiving channel for 10 seconds.
- *2 Returns to the previous channel.
- *3 Selects audio settings.

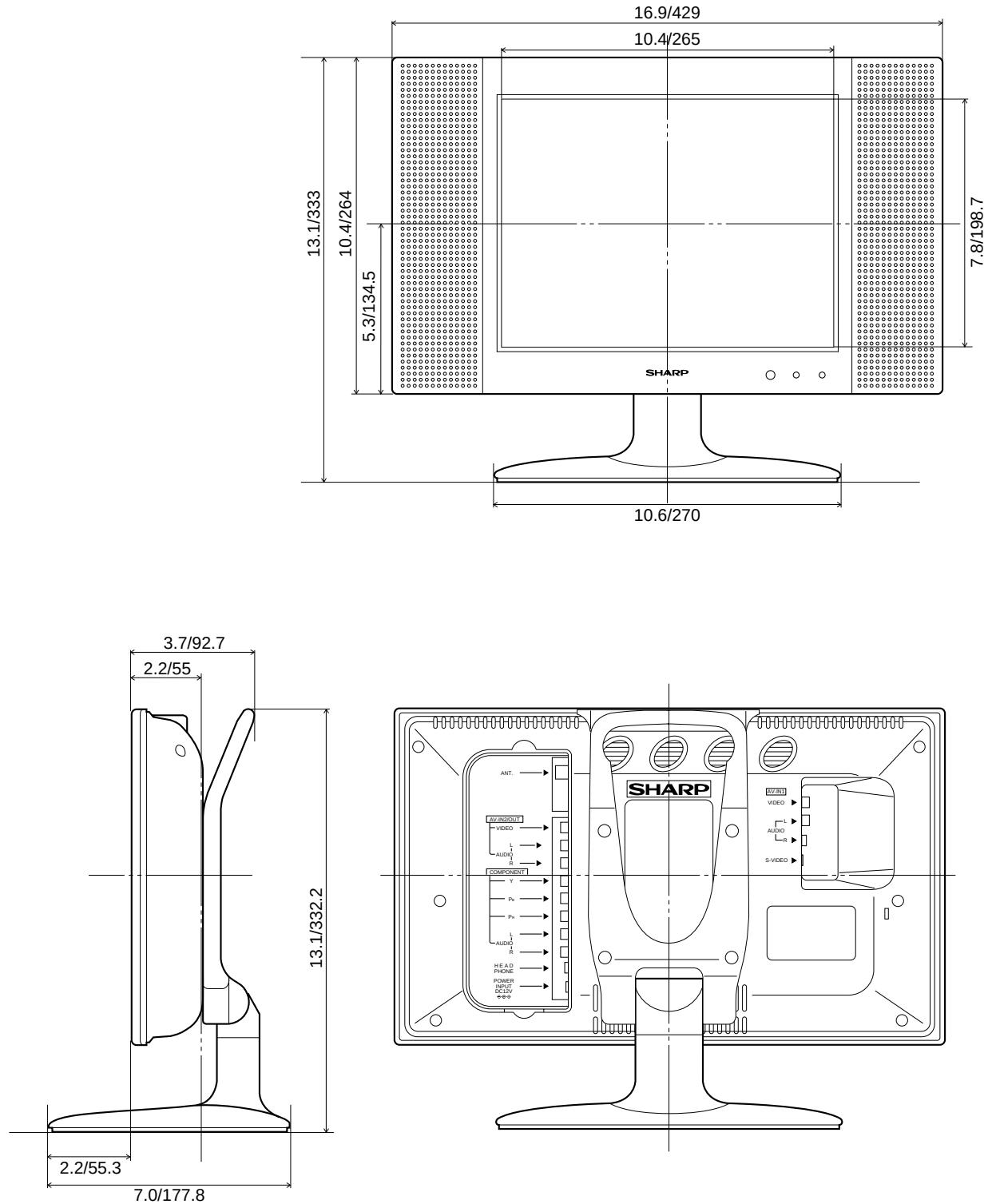
CONNECTING WITH EXTERNAL DEVICES

You can enjoy picture and sound by connecting a VCR or a home video game system to the terminals located on the rear of the TV set. When connecting an external device, turn off the power of the main unit first to prevent any possible damage.





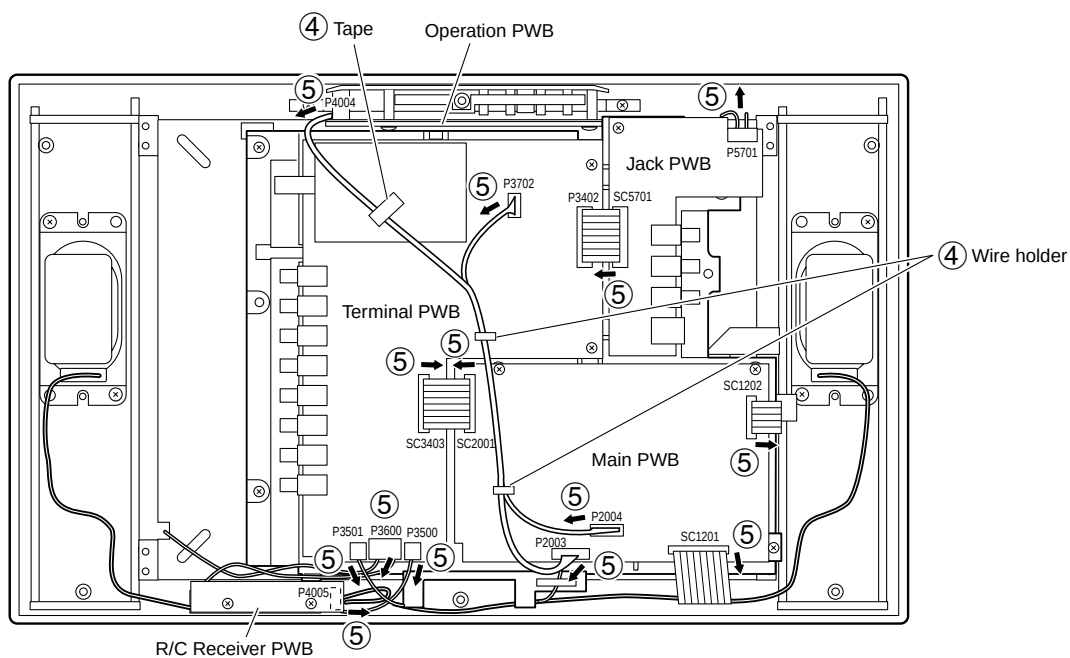
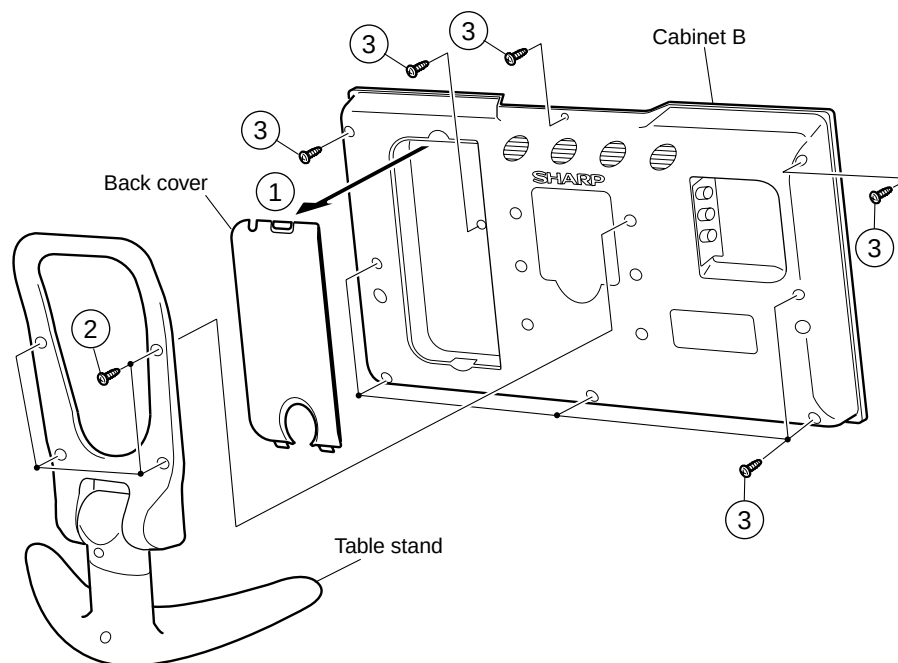
Dimensions



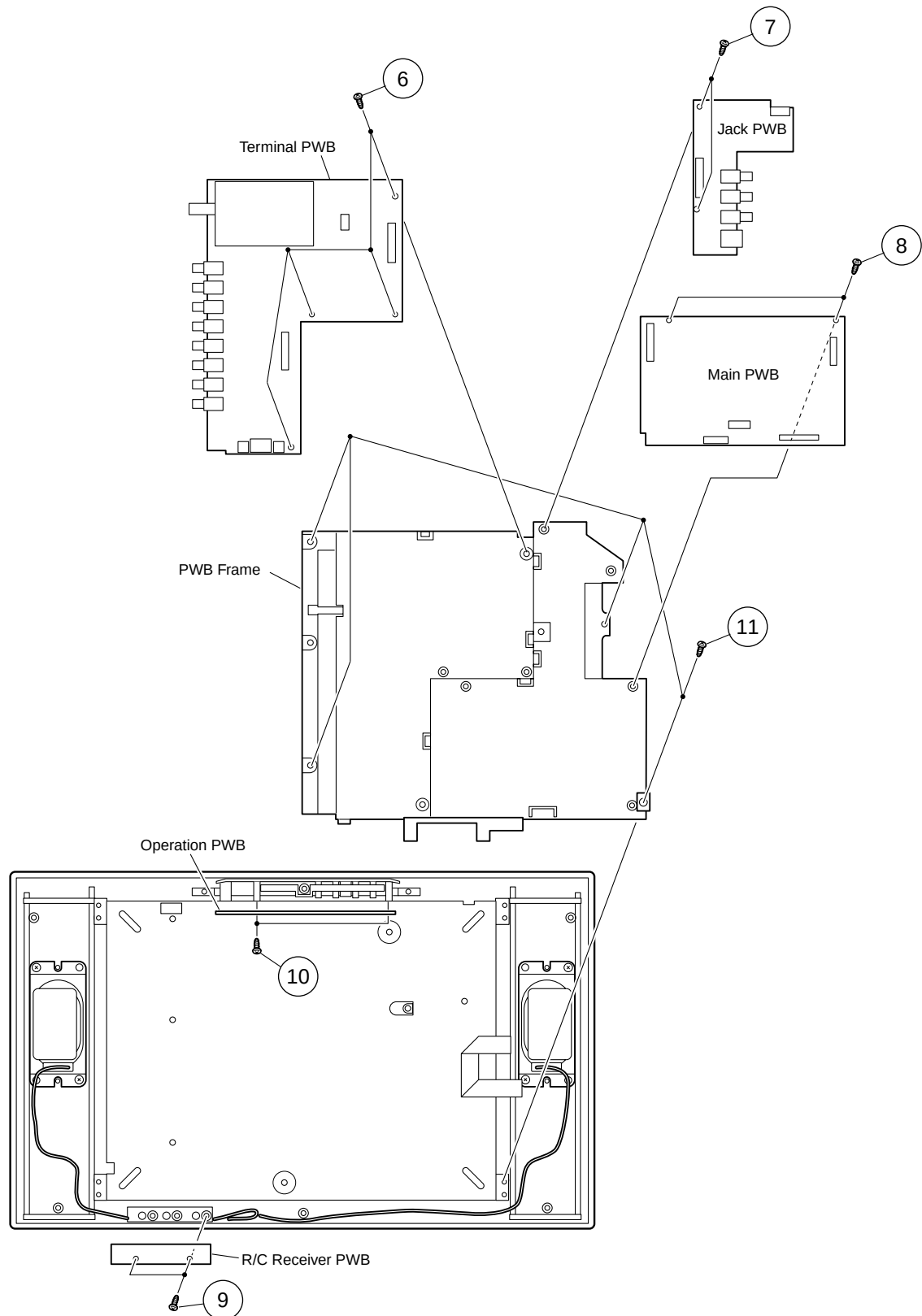
(Unit: inch/mm)

REMOVING OF MAJOR PARTS

1. Remove the back cover.
2. Remove the table stand fixing screws (4 pcs.).
3. Remove the cabinet B fixing screws (9 pcs.) and detach the cabinet.
4. Release the wire holders at 2 locations and peel off the tape.
5. Detach the connector from each PWB.

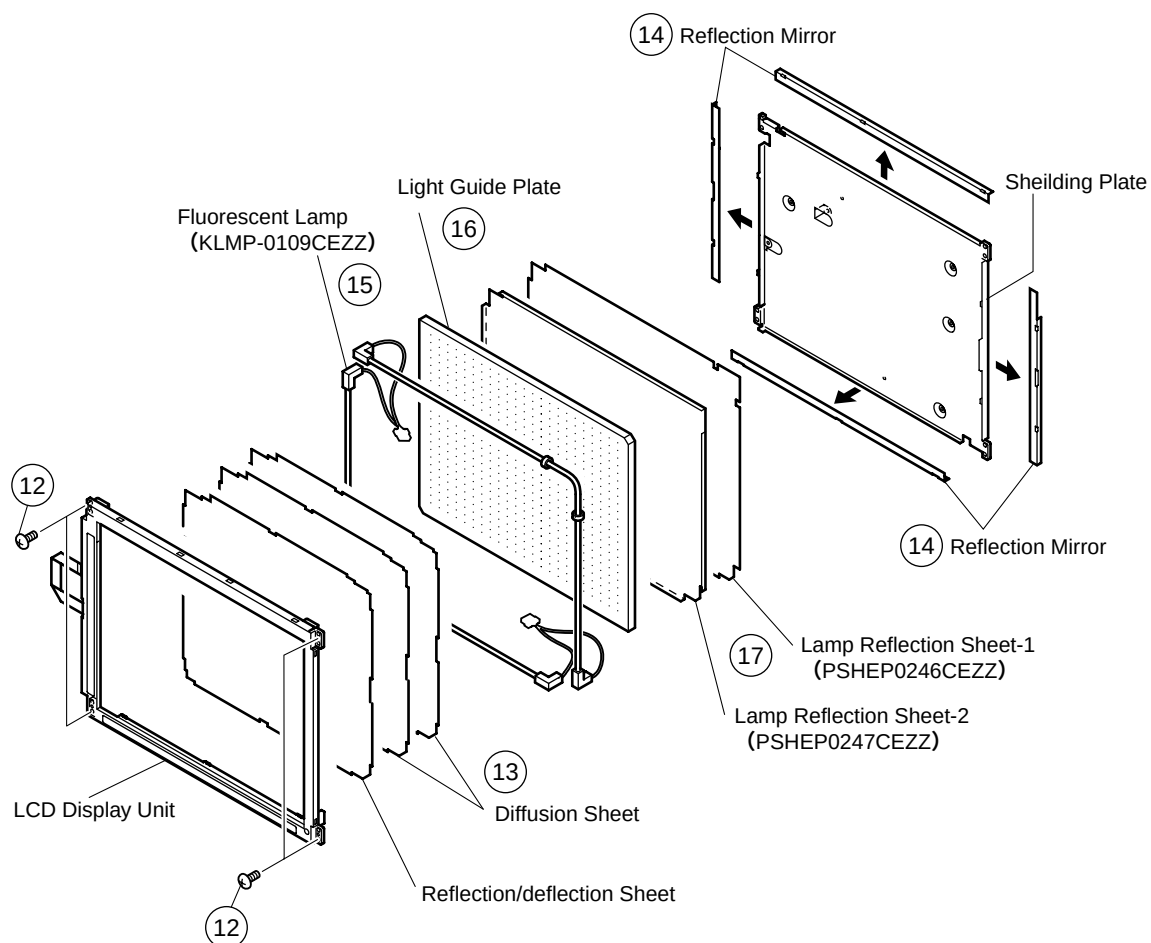


6. Remove the terminal PWB fixing screws (4 pcs.).
7. Remove the jack PWB fixing screws (2 pcs.).
8. Remove the main PWB fixing screws (2 pcs.).
9. Remove the R/C receiver PWB fixing screws (2 pcs.).
10. Remove the operation PWB fixing screws (2 pcs.).
11. Remove the PWB frame fixing screws (4 pcs.).



- Precautions in handling the LCD panels
 1. Work in a clean room (with humidities below 50%).
 2. Be sure to wear an anti-static armband.
 3. Handle the panels on an electroconductive mat.
 4. Be careful not to fall, shake and shock the panels.

12. Remove the LCD display unit fixing screws (4 pcs.).
13. Detach the two diffusion sheets and reflection/deflection sheet.
14. Detach the four reflection mirrors.
15. Remove the fluorescent lamp.
16. Detach the lamp guide plate.
17. Detach the two lamp reflection sheets.



ADJUSTING PROCEDURE OF EACH SECTION

The best adjustment is made before shipping. If any position deviation is found or after part replace is performed, adjust as follows.

1. Preparation for Adjustments

(1) Use the exclusive-use AC adapter or stable DC power supply.

AC adapter: UADP-0228CEPZ

DC power supply: $12 \pm 0.5V$

2. Special mode setting procedure

(1) After initialization of E²PROM the mode is changed to the adjustment mode.

[Procedure]

Connect TP2001 and TP2002 to GND, and turn on the power.

[Description]

- The initialization of microcomputer is as follows.
- AV position, DAC data, G/A data, sound processor data, and video chroma data adjustment values are taken as defaults.

(2) Adjustment mode

[Procedure]

Short-circuit TP2001 to GND, and turn on the power.

Or short-circuit TP2002 to GND, and turn on the power.

Or holding down the [TV/VIDEO] key and [MENU] key, turn on the main power, and simultaneously press the (inspection process) [CH ▼] key and [VOL–] key to change the mode to the adjustment mode.

[Description]

The manual adjustment or adjustment through communication with the automatic machine is performed.

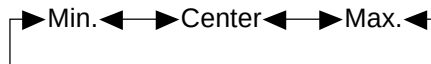
(3) Inspection mode

[Procedure]

Holding down the [TV/VIDEO] key and [MENU] key, turn on the power.

[Description]

- In the ordinary menu select "VIDEO ADJUST" with the [CH] key, and decide with the [VOL] key. Then select "PICTURE", "TINT (only NTSC)", "COLOR", "BLACK LEVEL", "SHARPNESS", "RED-BLUE", "GREEN" and "COLOR SYSTEM" with the [CH] key, and decide with the [VOL] key. After that, adjust values with the [VOL] key.
- VOLUME, PICTURE, TINT (only NTSC), COLOR, BLACK LEVEL, SHARPNESS, RED-BLUE, GREEN change as follows.



(4) Shipping setting mode

[Procedure]

Holding down the [TV/VIDEO] key and [MENU] key, turn on the main power, and simultaneously press the (inspection process) [CH ▲] key and [VOL+] key to change the mode to the shipping setting mode.

Note: Keep it in mind to turn off the power immediately. If any key-in is accidentally made, the setting will be canceled.

[Description]

User adjustment and other values are taken as defaults.

If TV is indicated as SETTING COMPLETE, setting has been completed.

3. Cancel of special mode

Turn off the main unit power.

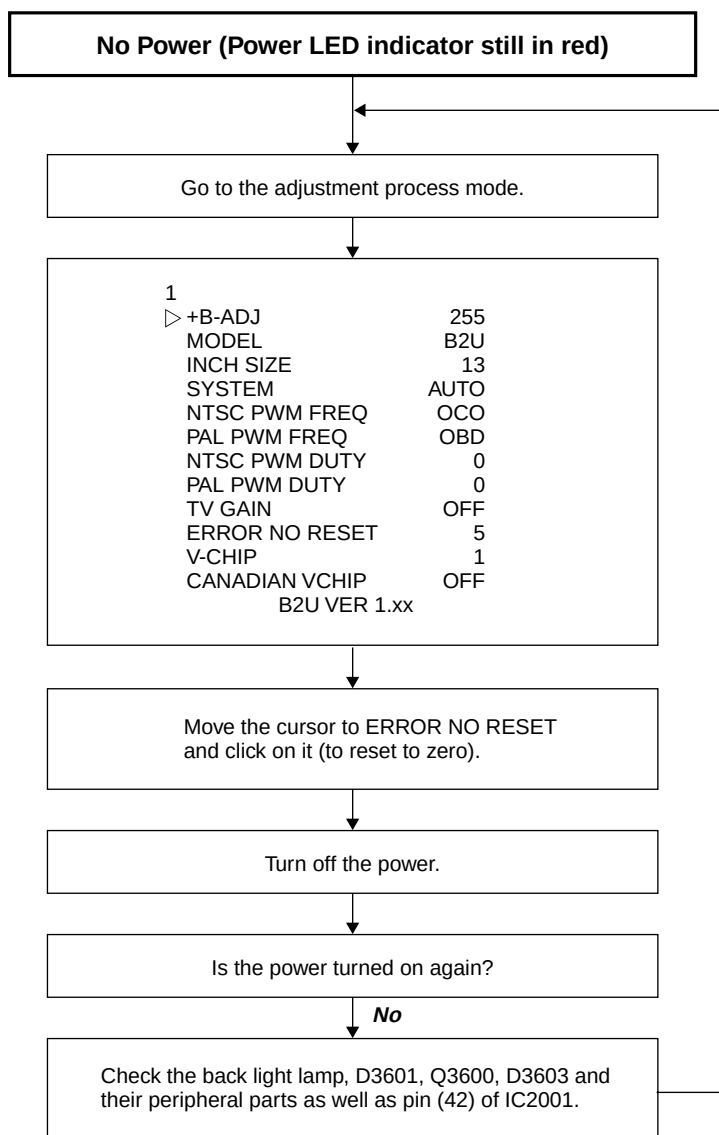
4. Adjustments

	Adjustment	Adjusting conditions	Adjusting method
1	B+ Adjustment (R3760)	1. Connect the DC voltmeter to pin 38 of SC3403.	1. Adjust the "B+ Adj" value to $5.0 \pm 0.02V$ with R3760.
2	Model and Inch Size setup (If E ² PROM is replaced) (IC2004)	1. Go to the adjustment mode.	1. Select "MODEL" with [MENU] key and adjust to "B2U" with [VOL+] or [VOL-] key. * The color of "MODEL" must be yellow. 2. Select "INCH SIZE" and adjust to "13" with [VOL+] or [VOL-] key. * The color of "INCH SIZE" must be yellow.
3	Counter-bias adjustment	1. Receive a B/W channel. 2. Go to the adjustment mode. 3. Select the "COM BIAS" with [MENU] key.	1. Adjust "COM BIAS" to the darkest screen with [VOL+] and [VOL-] key. * The color of "COM BIAS" must be yellow.
4	Checking and modifying the settings (after replacing the E ² PROM)	1. Go to the adjustment mode and check the following settings. ● PRE SCALE FM/AM-M 17 ● PRE SCALE SCART 15 ● TV GEQ BAND 1 +1.0 ● TV GEQ BAND 2 0.0 ● TV GEQ BAND 3 0.0 ● TV GEQ BAND 4 -1.5 ● TV GEQ BAND 5 -2.0 ● EXT GEQ BAND 1 +1.0 ● EXT GEQ BAND 2 0.0 ● EXT GEQ BAND 3 0.0 ● EXT GEQ BAND 4 -1.5 ● EXT GEQ BAND 5 -2.0	1. See if all the settings are as specified. If not, select an item in question with [VOL+] or [VOL-] key and adjust the setting as shown at left. * An item selected will be highlighted in yellow.

5. Shipping setting list

Channel	2ch
Air/Cable	Air
Skip Data_CATV	All Skip
Skip Data_AIR	All Not Skip
Volume	20
Picture	30
Tint	0
Color	0
Black Level	0
SHARPNESS	0
RED-BLUE	0
GREEN	0
TV Color System	N358
AV Color System	Auto
Language	English
Blue Screen	Off
EZ Setup Auto Start	On
Sleep Timer	None
MTS	Stereo
Brightness	Bright
Auto Power Off	Off
Upside	Normal
Right/Left	Normal
AV2 IN/OUT	In
Closed Caption (Mode)	OFF
(Data)	CH1
V Chip block (MPAA)	None
(TV Guideline)	None
(Block Content)	All Unblock
(Status)	Off
(Input Secret No.)	Clear

TROUBLE SHOOTING TABLE



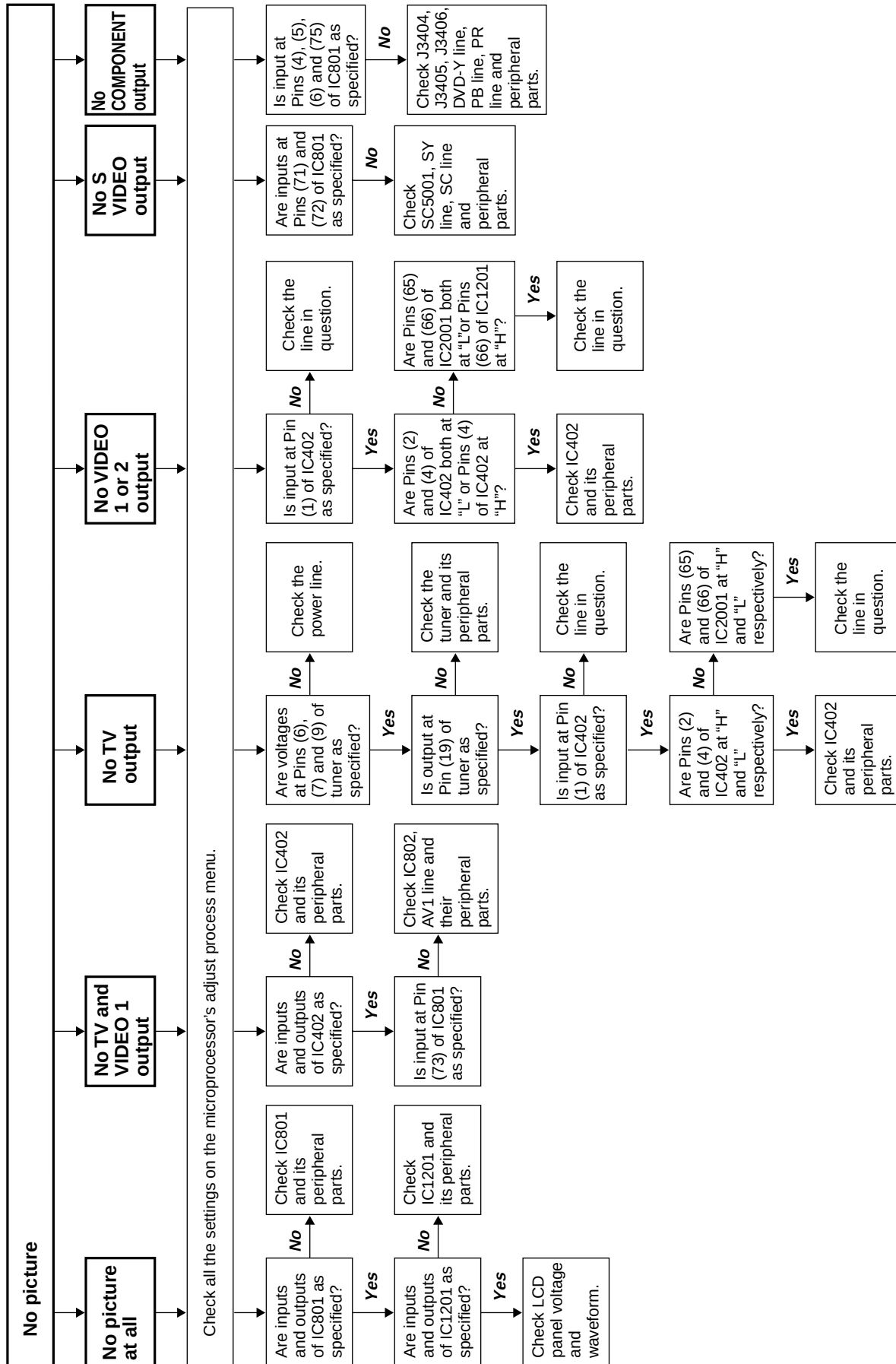
Note:

This model is equipped with the lamp error detection function that detects the current flowing into the fluorescent lamp and protects the backlight lamp drive circuit.

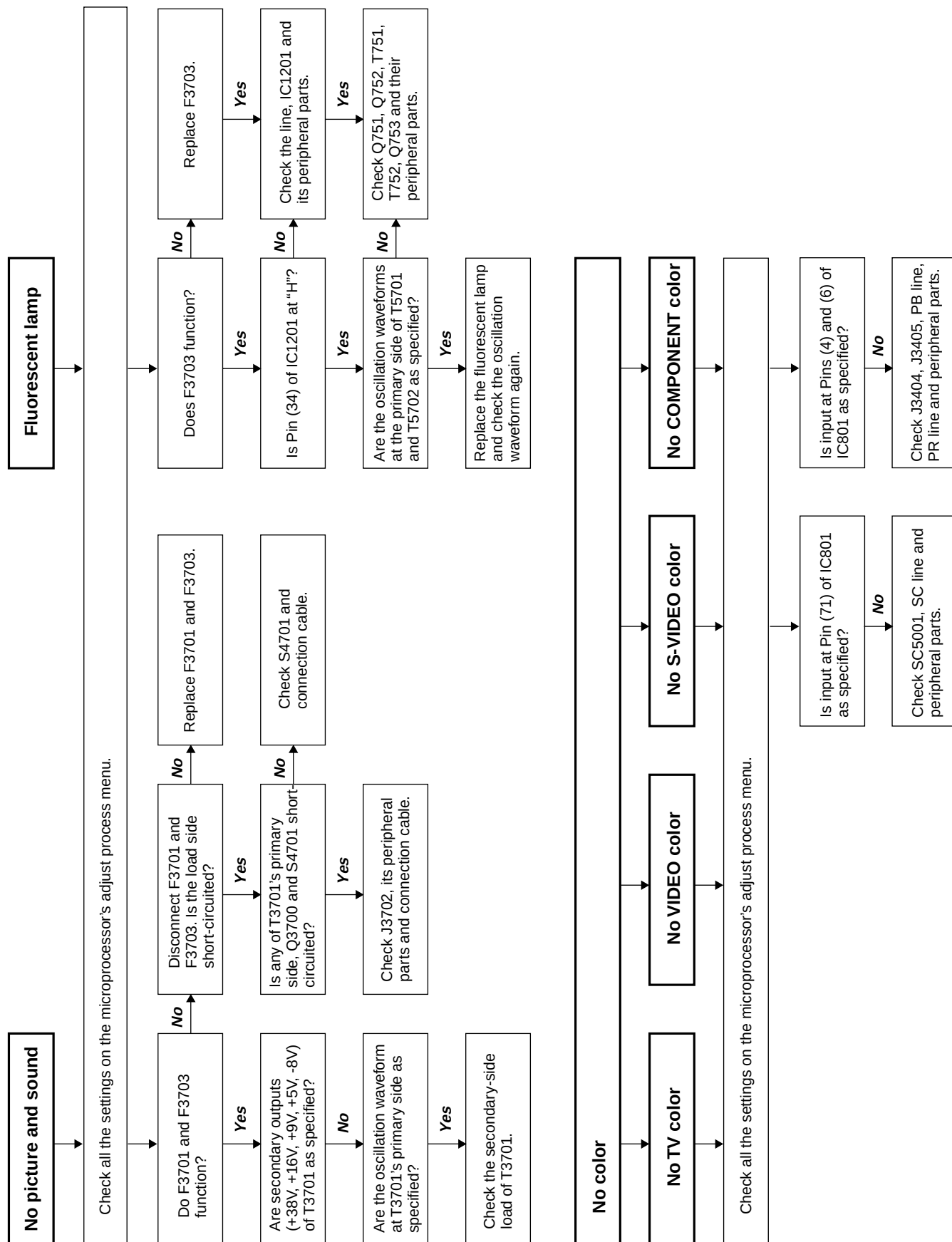
If a lamp error is detected, the microprocessor interrupts the unit and the ERROR NO RESET setting will go up.

When the ERROR NO RESET setting has reached "5", the microprocessor turns and keeps off the unit's power. To resume the power, take the above procedure to clear the ERROR NO RESET setting.

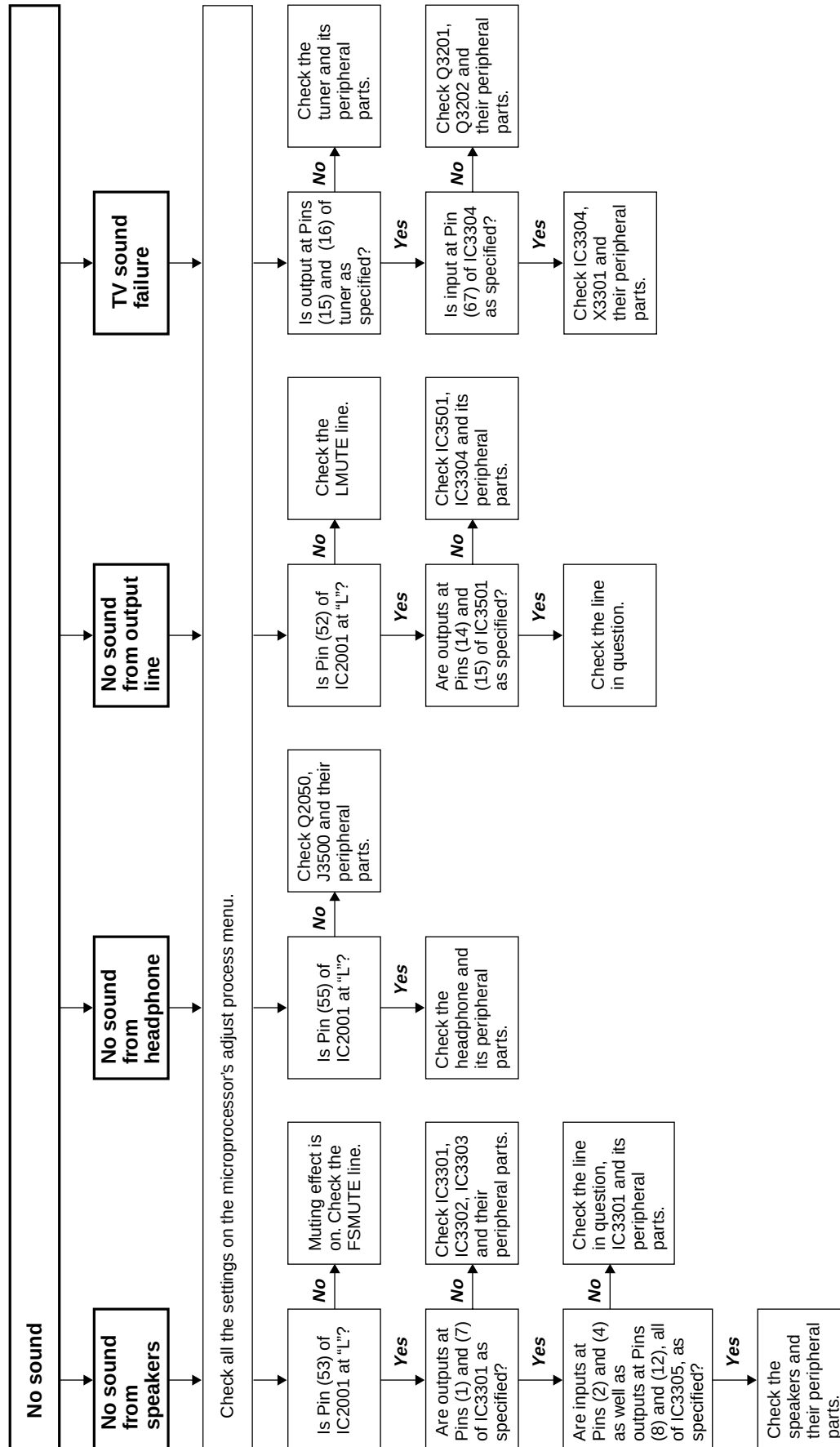
TROUBLE SHOOTING TABLE (Continued)



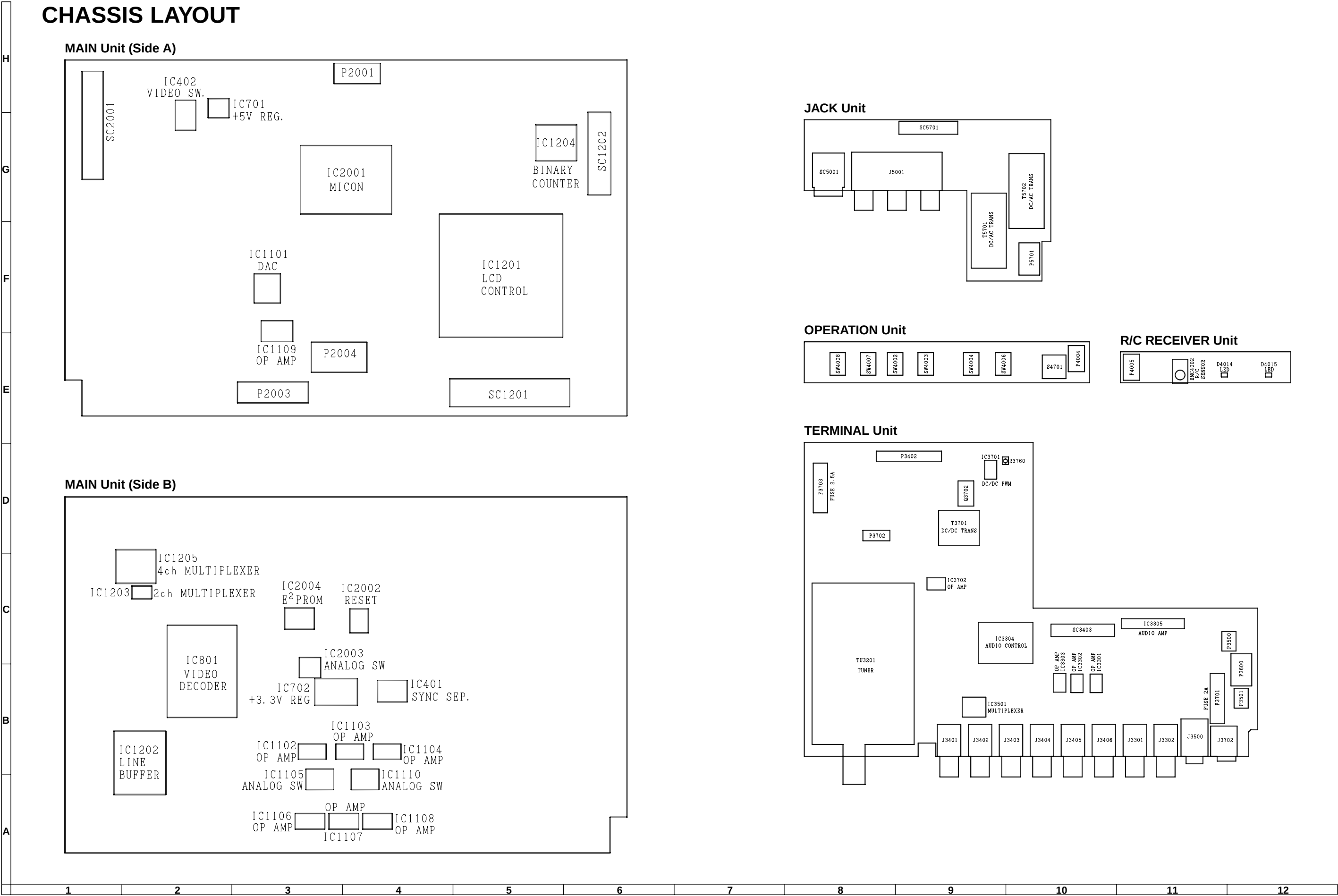
TROUBLE SHOOTING TABLE (Continued)



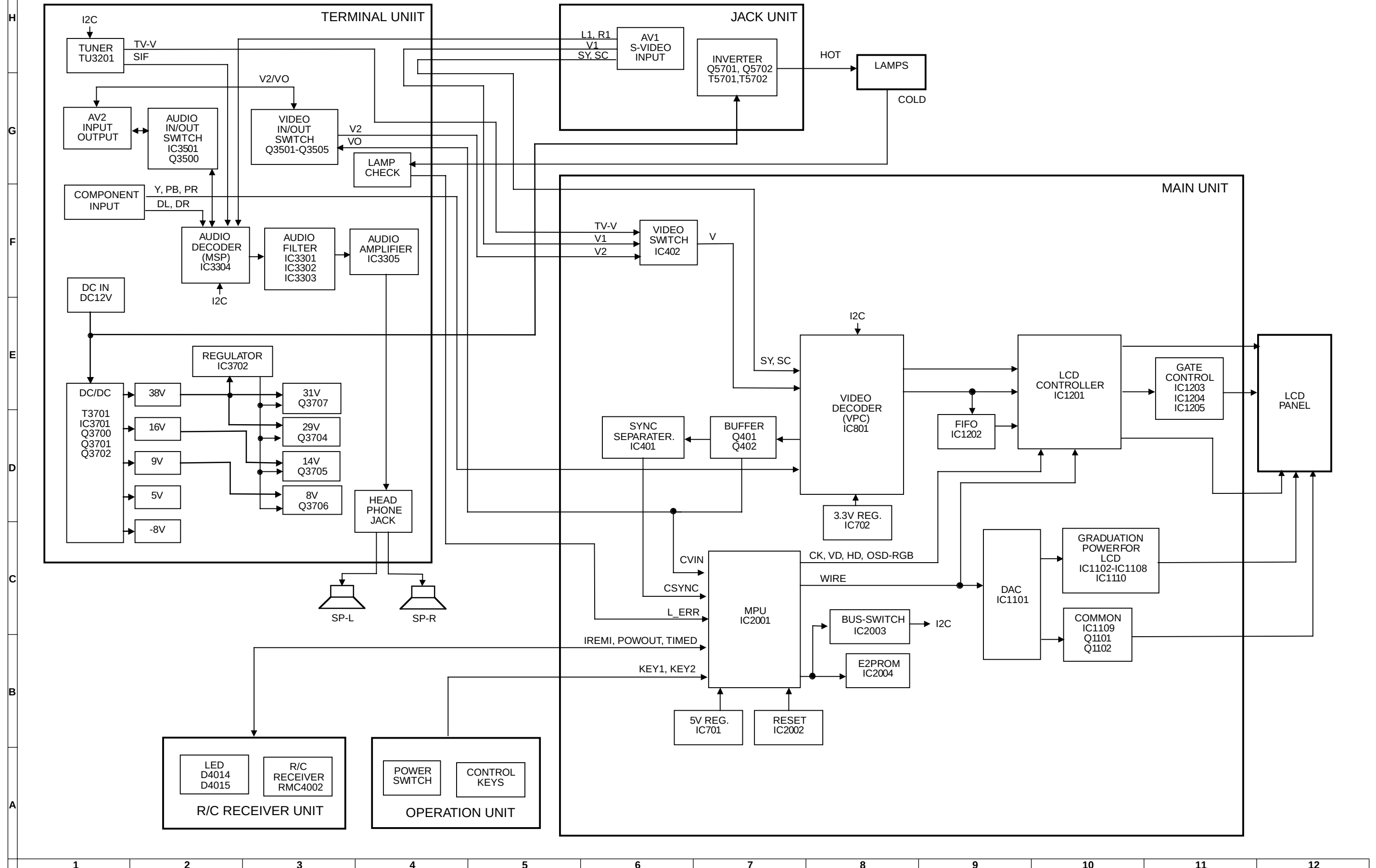
TROUBLE SHOOTING TABLE (Continued)



CHASSIS LAYOUT



BLOCK DIAGRAM



DESCRIPTION OF SCHEMATIC DIAGRAM

VOLTAGE MEASUREMENT CONDITION:

1. Voltages at test points are measured at the supply voltage of AC 120V. Signals are fed by a color bar signal generator for servicing purpose and the above voltages are measured with a 20k ohm/V tester.

WAVEFORM MEASUREMENT CONDITION:

1. Waveforms at test points are observed at the supply voltage of AC 120V. Signals are fed by a color bar signal generator for servicing purpose.

INDICATION OF RESISTOR & CAPACITOR:

RESISTOR

1. The unit of resistance "Ω" is omitted.
(K=kΩ=1000 Ω, M=MΩ).
2. All resistors are ± 5%, unless otherwise noted.
(J= ± 5%, F= ± 1%, D= ± 0.5%)
3. All resistors are 1/10W, unless otherwise noted.
4. All resistors are Carbon type, unless otherwise noted.

©: Solid Ⓜ: Cement
 Ⓢ: Oxide Film Ⓣ: Special
 Ⓝ: Metal Coating

CAPACITOR

1. All capacitors are μF, unless otherwise noted.
(P=pF=μμF).
2. All capacitors are 50V, unless otherwise noted.
3. All capacitors are Ceramic type, unless otherwise noted.

(ML): Mylar (TA): Tantalum
 (PF): Polypro Film (ST): Styrol

CAUTION:

This circuit diagram is original one, therefore there may be a slight difference from yours.

SAFETY NOTES:

1. DISCONNECT THE AC PLUG FROM THE AC OUTLET BEFORE REPLACING PARTS.
2. SEMICONDUCTOR HEAT SINKS SHOULD BE REGARDED AS POTENTIAL SHOCK HAZARDS WHEN THE CHASSIS IS OPERATING.

IMPORTANT SAFETY NOTICE:

PARTS MARKED WITH "⚠" () ARE IMPORTANT FOR MAINTAINING THE SAFETY OF THE SET. BE SURE TO REPLACE THESE PARTS WITH SPECIFIED ONES FOR MAINTAINING THE SAFETY AND PERFORMANCE OF THE SET.

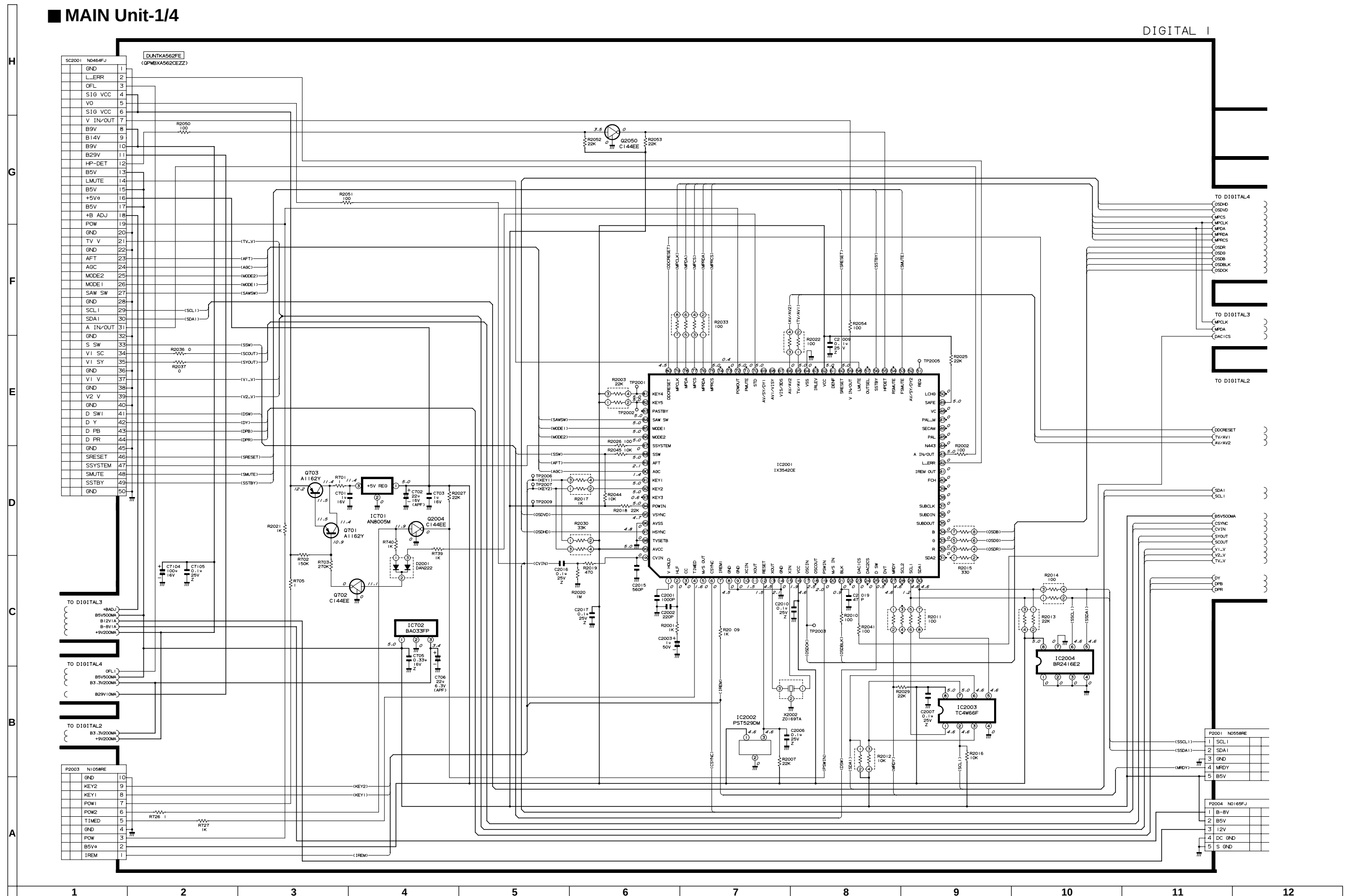
AVIS DE SECURITE IMPORTANT:

LES PIECES MARQUEES "⚠" () SONT IMPORTANTES POUR MAINTENIR LA SECURITE DE L'APPAREIL.

NE REMPLACER CES PIECES QUE PAR DES PIECES DONT LE NUMERO EST SPECIFIE POUR MAINTENIR LA SECURITE ET PROTEGER LE BON FONCTIONNEMENT DE L'APPAREIL.

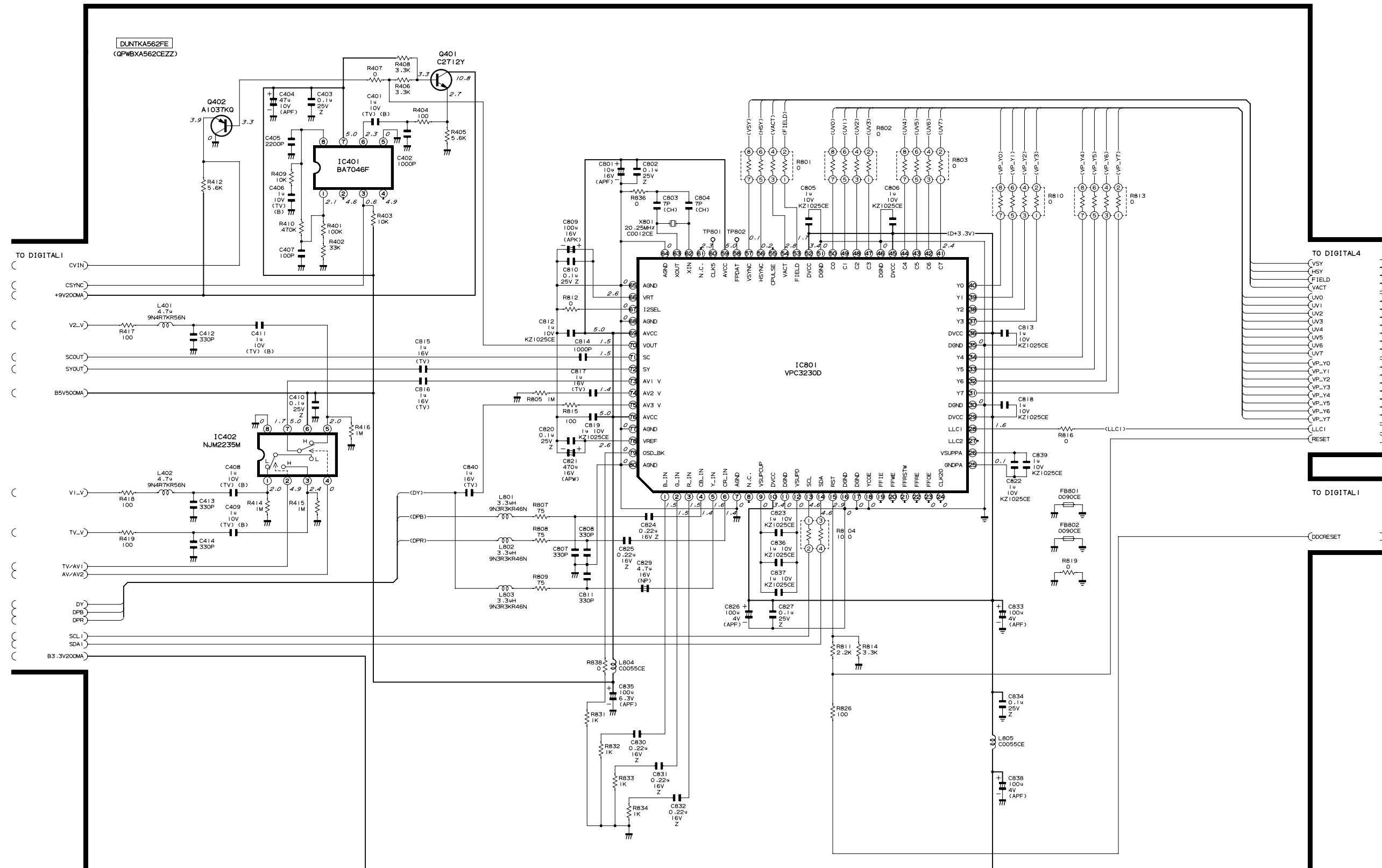
MAIN Unit-1/4

DIGITAL I



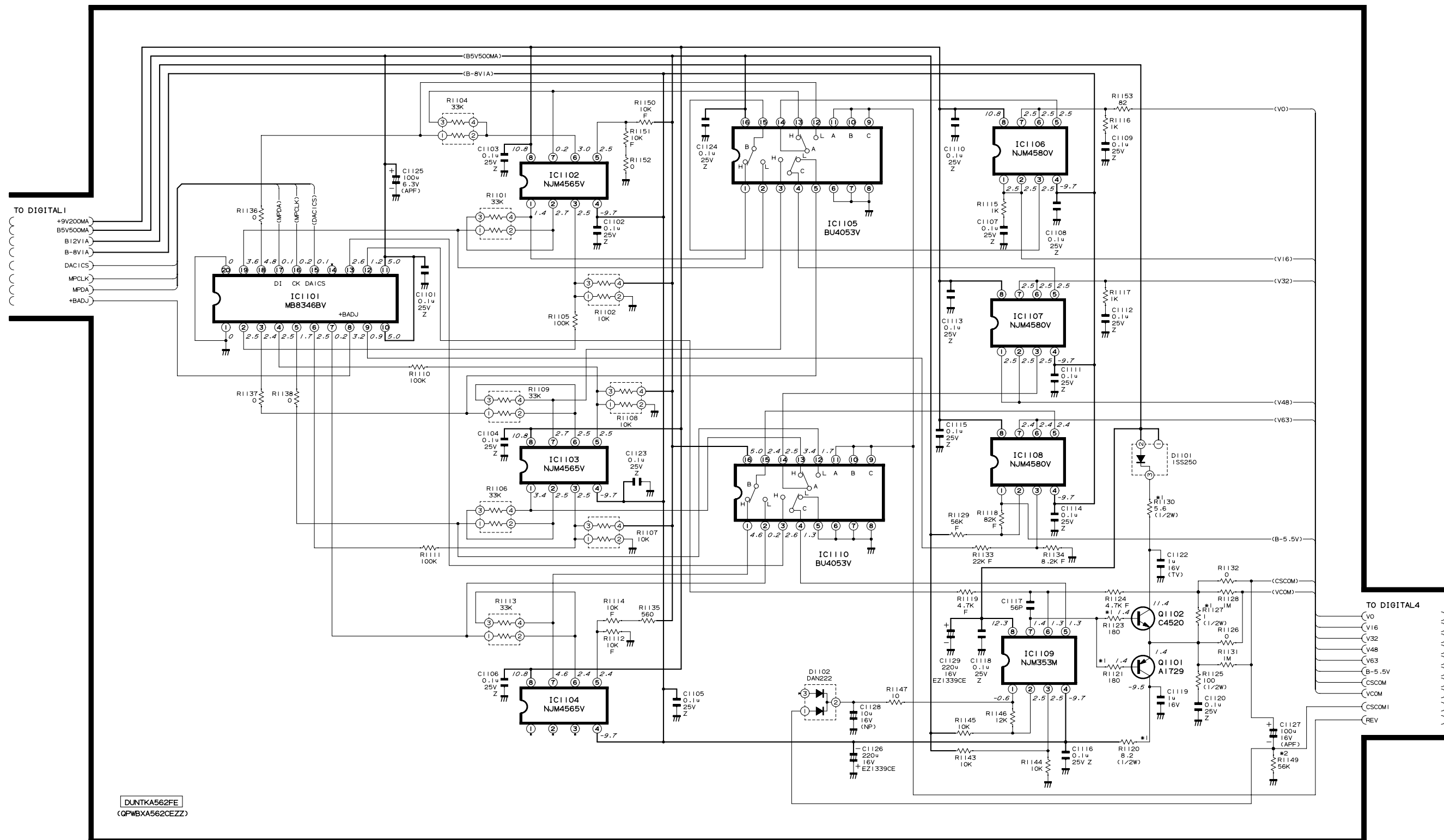
■ MAIN Unit-2/4

DIGITAL 2



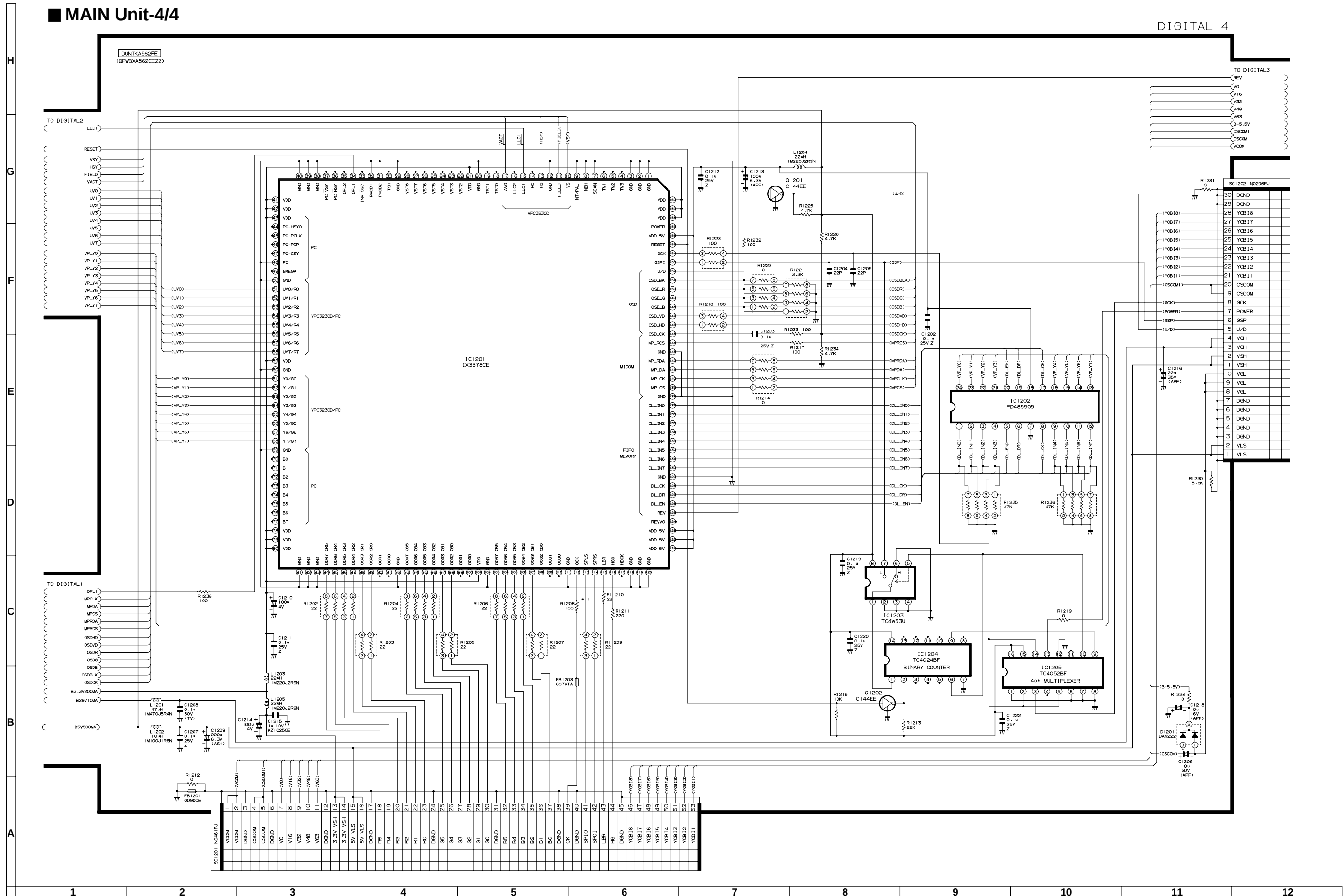
MAIN Unit-3/4

DIGITAL 3



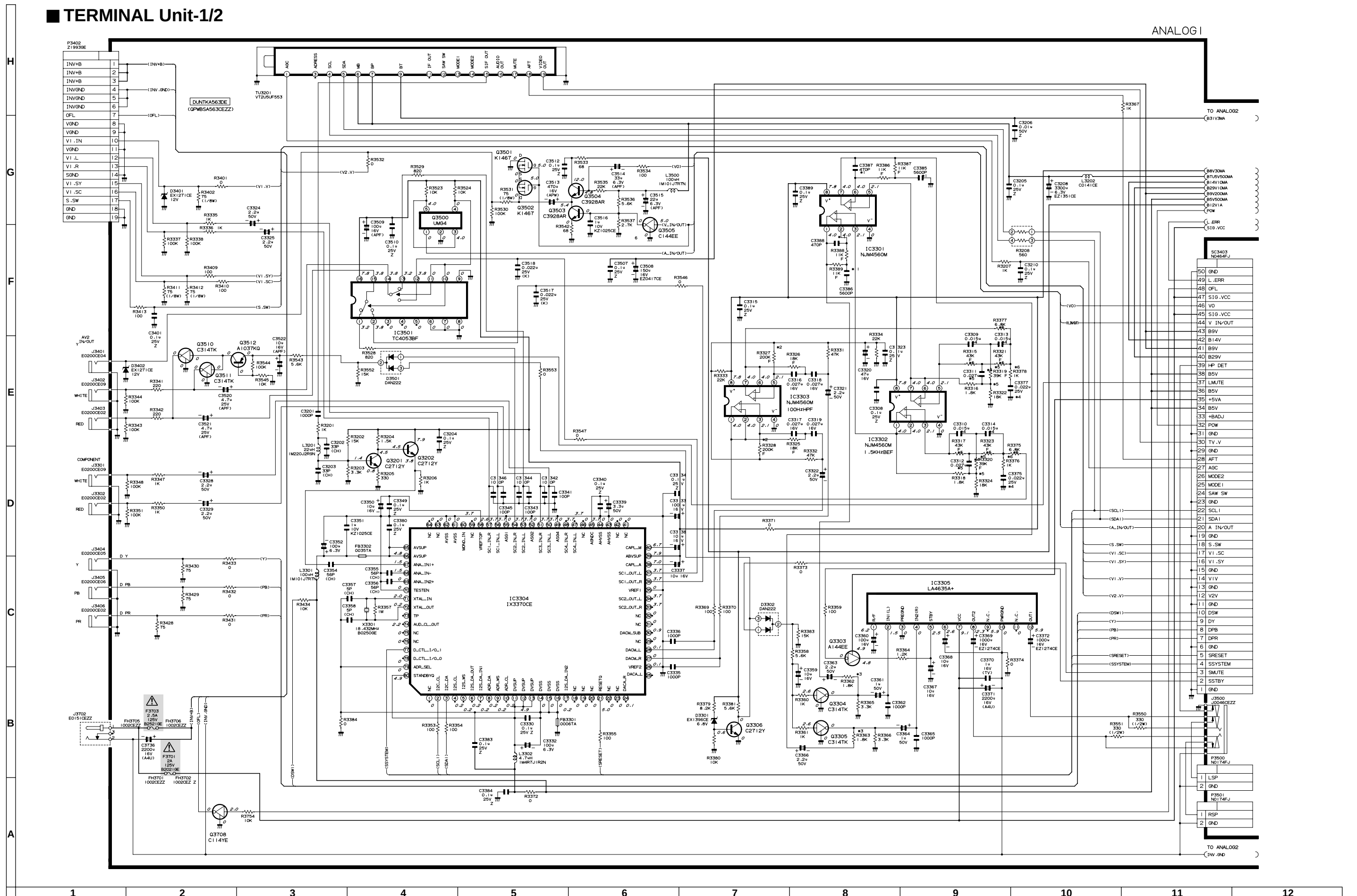
■ MAIN Unit-4/4

DIGITAL 4



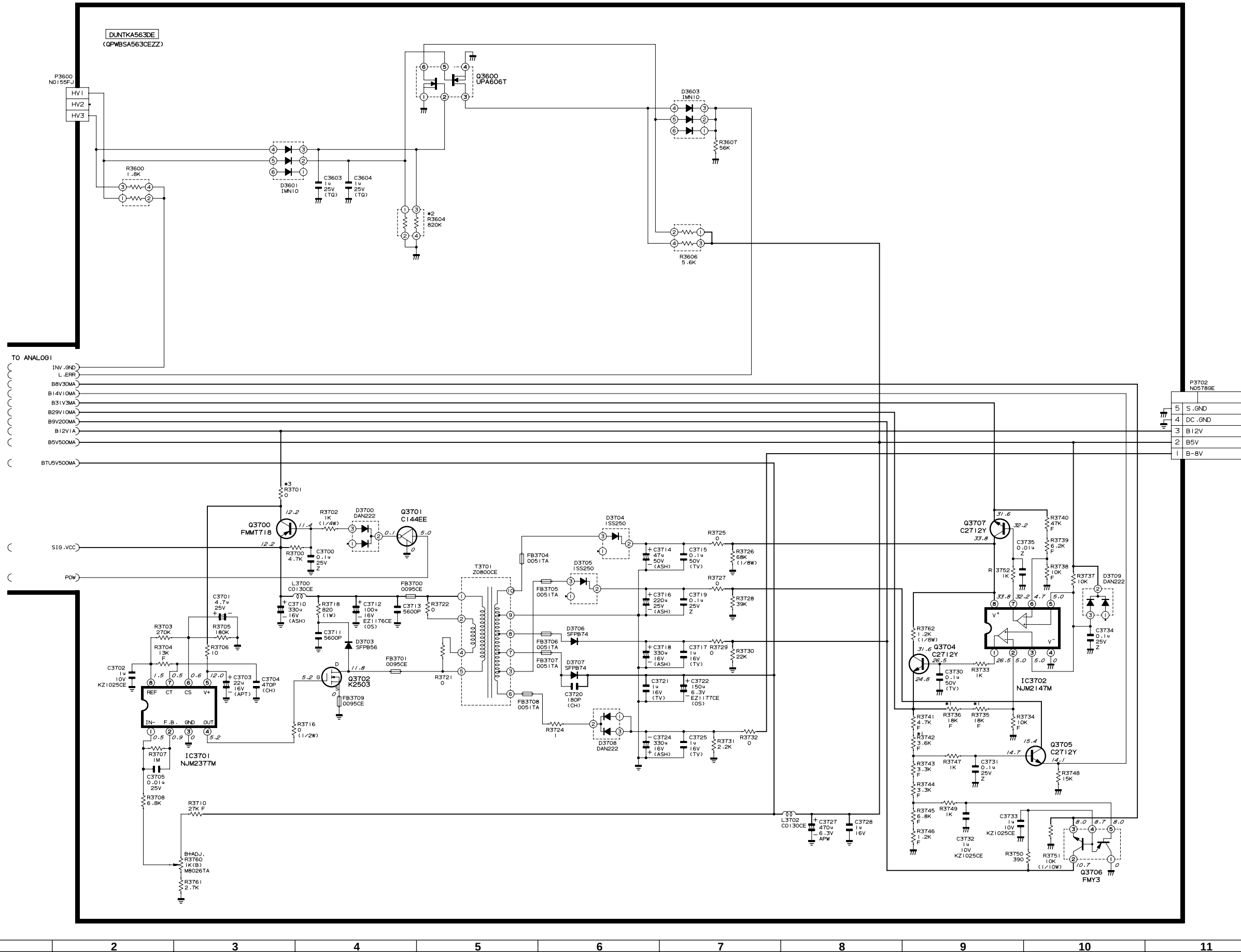
ANALOG I

■ TERMINAL Unit-1/2

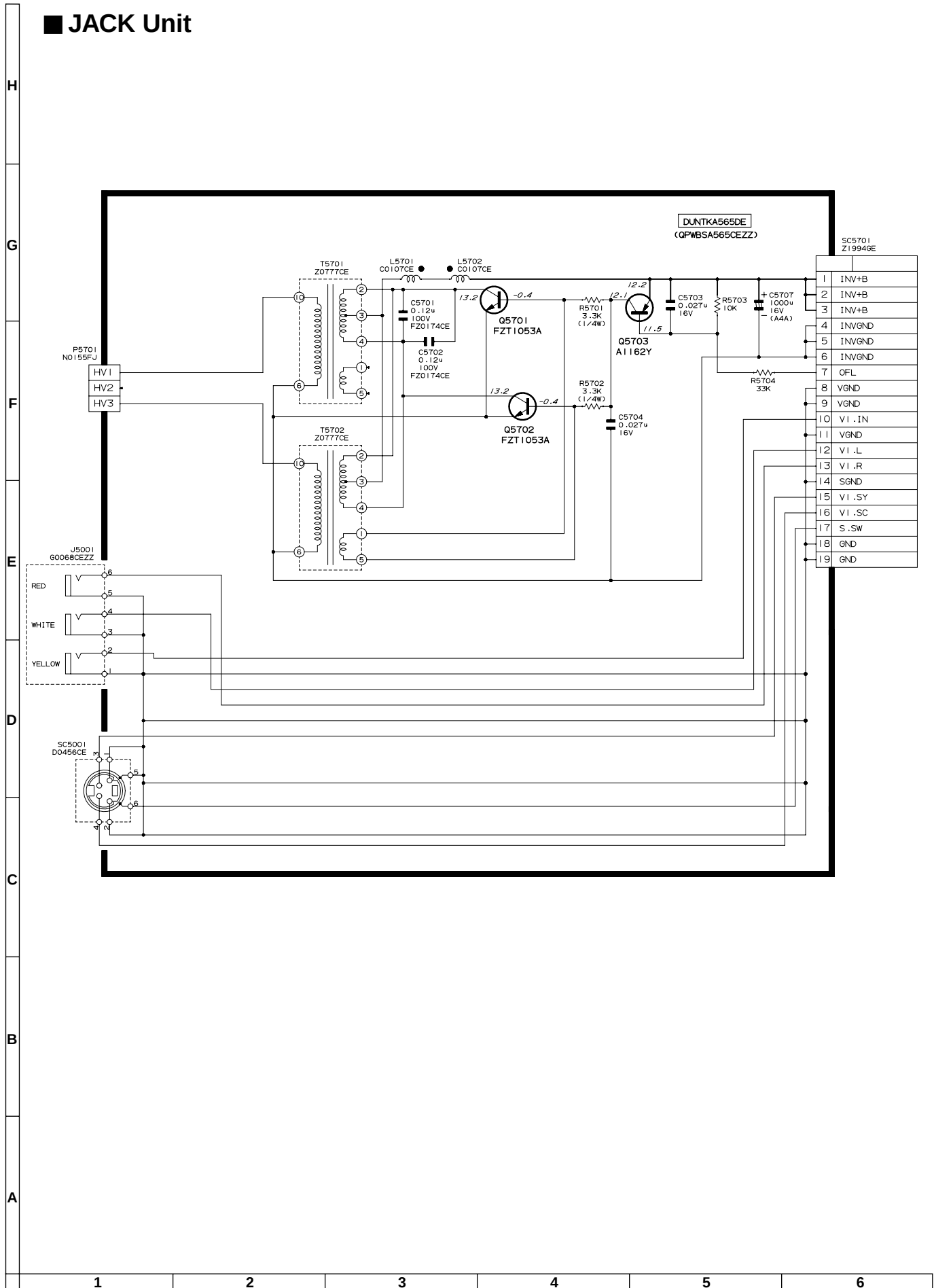


■ TERMINAL Unit-2/2

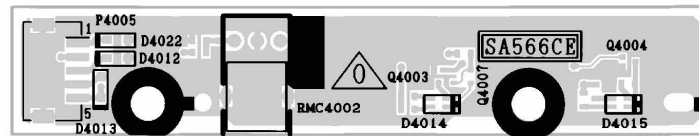
ANALOG2



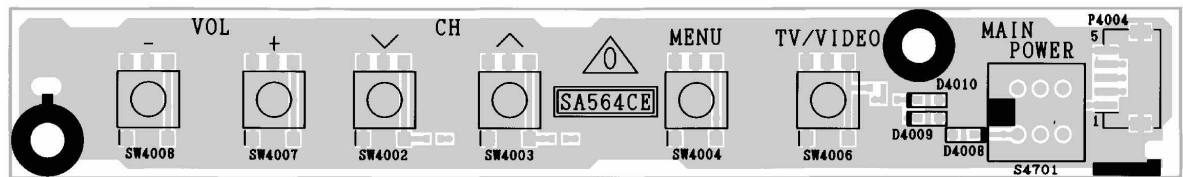
JACK Unit



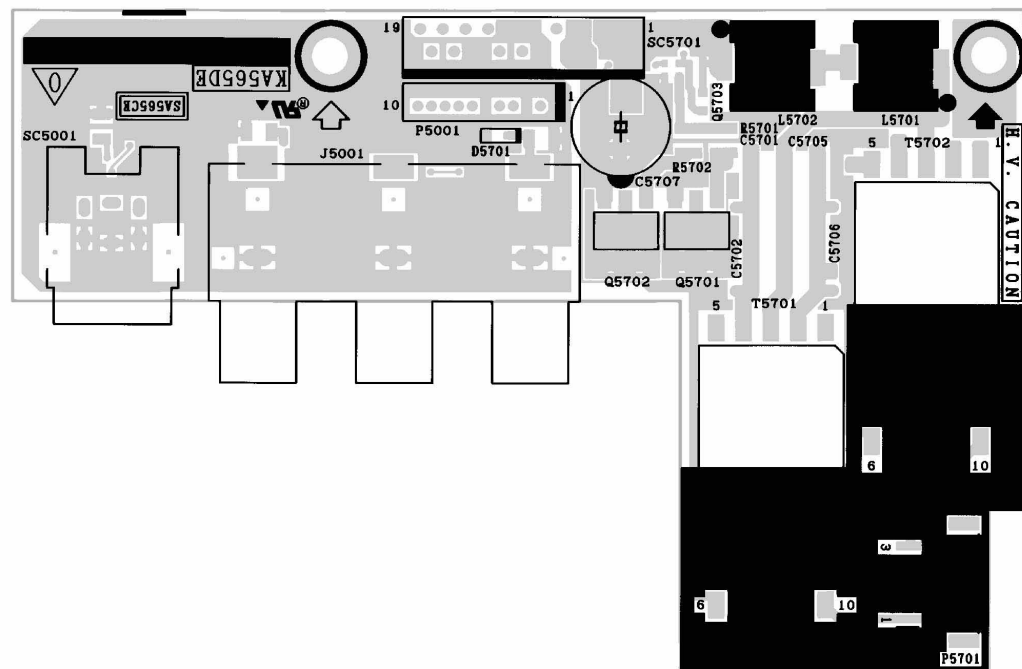
PRINTED WIRING BOARD ASSEMBLIES



R/C Receiver Unit (Component Side)



Operation Unit (Component Side)



Jack Unit (Component Side)





6

PARTS LIST

PARTS REPLACEMENT

Replacement parts which have these special safety characteristics identified in this manual; electrical components having such features are identified by  and shaded areas in the Replacement Parts Lists and Schematic Diagrams. The use of a substitute replacement part which does not have the same safety characteristic as the factory recommended replacement parts shown in this service manual may create shock, fire or other hazards.

"HOW TO ORDER REPLACEMENT PARTS"

To have your order filled promptly and correctly, please furnish the following information.

- | | |
|-----------------|----------------|
| 1. MODEL NUMBER | 2. REF. NO. |
| 3. PART NO. | 4. DESCRIPTION |

in **USA**: Contact your nearest SHARP Parts Distributor to order.
For location of SHARP Parts Distributor, Please call Toll-Free; 1-800-BE-SHARP

★ MARK: SPARE PARTS-DELIVERY SECTION

PRINTED WIRING BOARD ASSEMBLIES (NOT REPLACEMENT ITEM)

DUNTKA562FE01	—	MAIN Unit	—
DUNTKA563DE01	—	TERMINAL Unit	—
DUNTKA564DE01	—	OPERATION Unit	—
DUNTKA565DE01	—	JACK Unit	—
DUNTKA566DE01	—	R/C RECEIVER Unit	—

LCD PANEL

NOTE: THE PARTS HERE SHOWN ARE SUPPLIED AS AN ASSEMBLY BUT NOT INDEPENDENTLY.

RLCDT0065CEZZ	J	LCD Module Unit	CX
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DUNTKA562FE01 MAIN UNIT

INTEGRATED CIRCUITS

IC401	VHiBA7046F/-1	J	BA7046F	AF
IC402	VHiNJM2235M-1	J	NJM2235M	AE
IC701	VHiAN8005M/-1	J	AN8005M	AD
IC702	VHiBA033FP/-1	J	BA033FP-E2	AG
IC801	VHiVPC3230D-1	J	VPC3230D-QA-B2	BG
IC1101	VHiMB8346BV-1	J	MB88346BPFV	AN
IC1102	VHiNJM4565V-1	J	NJM4565V	AF
IC1103	VHiNJM4565V-1	J	NJM4565V	AF
IC1104	VHiNJM4565V-1	J	NJM4565V	AF
IC1105	VHiBU4053V/-1	J	BU4053BcCFV-E2	AE
IC1106	VHiNJM4580V-1	J	NJM4580V	AE
IC1107	VHiNJM4580V-1	J	NJM4580V	AE
IC1108	VHiNJM4580V-1	J	NJM4580V	AE
IC1109	VHiNJM353M/-1	J	NJM353M	AG
IC1110	VHiBU4053V/-1	J	BU4053BcCFV-E2	AE
IC1201	RH-iX3378CEZZ	J	LR38797	AY
IC1202	VHiPD485505-2	J	UPD485505G-25	AY

LISTE DES PIECES

CHANGE DES PIECES

Les pièces de rechange qui présentent ces caractéristiques spéciales de sécurité, sont identifiées dans ce manuel : les pièces électriques qui présentent ces particularités, sont représentées par la marque  et sont hachurées dans les listes de pièces et dans les diagrammes schématisés.

La substitution d'une pièce de rechange par une autre qui ne présente pas les mêmes caractéristiques de sécurité peut provoquer une électrocution, un incendie ou tout autre sinistre.

"COMMENT COMMANDER LES PIECES DE RECHANGE"

Pour que votre commande soit rapidement et correctement remplie, veuillez fournir les renseignements suivants.

- | | |
|---------------------|----------------|
| 1. NUMERO DU MODELE | 2. NO. DE REF |
| 3. NO. DE PIECE | 4. DESCRIPTION |

in **CANADA**: Contact SHARP Electronics of Canada Limited
Phone (416) 890-2100

★MARQUE: SECTION LIVRAISON DES PIECES DE RECHANGE

Ref. No.	Part No.	★	Description	Code
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IC1203	VHiTC4W53U/-1	J	TC4W53FU	AF
IC1204	VHiTC4024BF-1	J	TC4024BF	AG
IC1205	VHiTC4052BF1E	J	TC4052BF	AF
IC2001	RH-iX3542CEZZQ	J	I.C.	BA
IC2002	VHiPST529DM-1	J	PST529DMT	AE
IC2003	VHiTC4W66F/-1	J	TC4W66F	AE
IC2004	VHiBR2416E2-1	J	BR24C16F	AK

TRANSISTORS

Q401	VS2SC2712Y/-1	J	C2712Y	AB
Q402	VS2SA1037KQ-1	J	A1037KQ	AA
Q701	VS2SA1162Y/-1	J	A1162Y	AB
Q702	VSDTC144EE/-1	J	C144EE	AA
Q703	VS2SA1162Y/-1	J	A1162Y	AB
Q1101	VS2SA1729/-1	J	A1729	AF
Q1102	VS2SC4520/-1	J	C4520	AE
Q1201	VSDTC144EE/-1	J	C144EE	AA
Q1202	VSDTC144EE/-1	J	C144EE	AA
Q2004	VSDTC144EE/-1	J	C144EE	AA
Q2050	VSDTC144EE/-1	J	C144EE	AA

DIODES

D1101	VHD1SS250//1E	J	Diode	AB
D1102	VHDDAN222//1	J	Diode	AA
D1201	VHDDAN222//1	J	Diode	AA
D2001	VHDDAN222//1	J	Diode	AA

PACKAGED CIRCUITS

X801	RCRSC0012CEZZ	J	Crystal	AH
X2002	RFILZ0169TAZZY	J	Filter	AD

COILS

L401	VP-9N4R7KR56N	J	Peaking 4.7μH	AC
L402	VP-9N4R7KR56N	J	Peaking 4.7μH	AC
L801	VP-9N3R3KR46N	J	Peaking 3.3μH	AC
L802	VP-9N3R3KR46N	J	Peaking 3.3μH	AC
L803	VP-9N3R3KR46N	J	Peaking 3.3μH	AC
L804	RCILC0055CEZZ	J	Coil	AD
L805	RCILC0055CEZZ	J	Coil	AD
L1201	VP-1M470J5R4N	J	Peaking 47μH	AC
L1202	VP-1M100J1R6N	J	Peaking 10μH	AC
L1203	VP-1M220J2R9N	J	Peaking 22μH	AC

Ref. No.	Part No.	★	Description	Code
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DUNTKA562DE01
MAIN UNIT (Continued)

L1204	VP-1M220J2R9N	J	Peaking 22μH	AC
L1205	VP-1M220J2R9N	J	Peaking 22μH	AC

CAPACITORS

C401	VCKYTV1AB105K	J	1.0 10V	Ceramic	AD
C402	VCKYCY1HB102K	J	1000p 50V	Ceramic	AA
C403	VCKYCY1EF104Z	J	0.1 25V	Ceramic	AA
C404	VCEAPF1AW476M	J	47 10V	Electrolytic	AB
C405	VCKYCY1HB222K	J	2200p 50V	Ceramic	AA
C406	VCKYTV1AB105K	J	1.0 10V	Ceramic	AD
C407	VCCCCY1HH101J	J	100p 50V	Ceramic	AA
C408	VCKYTV1AB105K	J	1.0 10V	Ceramic	AD
C409	VCKYTV1AB105K	J	1.0 10V	Ceramic	AD
C410	VCKYCY1EF104Z	J	0.1 25V	Ceramic	AA
C411	VCKYTV1AB105K	J	1.0 10V	Ceramic	AD
C412	VCCCCY1HH331J	J	330p 50V	Ceramic	AA
C413	VCCCCY1HH331J	J	330p 50V	Ceramic	AA
C414	VCCCCY1HH331J	J	330p 50V	Ceramic	AA
C701	VCKYTV1CF105Z	J	1.0 16V	Ceramic	AB
C702	VCEAPF1CN226M	J	22 16V	Electrolytic	AD
C703	VCKYTV1CF105Z	J	1.0 16V	Ceramic	AB
C705	VCKYCY1CF334Z	J	0.33 16V	Ceramic	AA
C706	VCEAPF0JN226M	J	22 6.3V	Electrolytic	AD
C801	VCEAPF1CN106M	J	10 16V	Electrolytic	AD
C802	VCKYCY1EF104Z	J	0.1 25V	Ceramic	AA
C803	VCCCCY1HH7R0D	J	7.0p 50V	Ceramic	AA
C804	VCCCCY1HH7R0D	J	7.0p 50V	Ceramic	AA
C805	RC-KZ1025CEZZ	J	1 10V	Ceramic	AB
C806	RC-KZ1025CEZZ	J	1 10V	Ceramic	AB
C807	VCKYCY1HB331K	J	330p 50V	Ceramic	AA
C808	VCKYCY1HB331K	J	330p 50V	Ceramic	AA
C809	VCEAPK1CN107M	J	100 16V	Electrolytic	AD
C810	VCKYCY1EF104Z	J	0.1 25V	Ceramic	AA
C811	VCKYCY1HB331K	J	330p 50V	Ceramic	AA
C812	RC-KZ1025CEZZ	J	1 10V	Ceramic	AB
C813	RC-KZ1025CEZZ	J	1 10V	Ceramic	AB
C814	VCKYCY1HB102K	J	1000p 50V	Ceramic	AA
C815	VCKYTV1CF105Z	J	1.0 16V	Ceramic	AB
C816	VCKYTV1CF105Z	J	1.0 16V	Ceramic	AB
C817	VCKYTV1CF105Z	J	1.0 16V	Ceramic	AB
C818	RC-KZ1025CEZZ	J	1 10V	Ceramic	AB
C819	RC-KZ1025CEZZ	J	1 10V	Ceramic	AB
C820	VCKYCY1EF104Z	J	0.1 25V	Ceramic	AA
C821	VCEAPW1CN477M	J	470 16V	Electrolytic	AE
C822	RC-KZ1025CEZZ	J	1 10V	Ceramic	AB
C823	RC-KZ1025CEZZ	J	1 10V	Ceramic	AB
C824	VCKYCY1CF224Z	J	0.22 16V	Ceramic	AA
C825	VCKYCY1CF224Z	J	0.22 16V	Ceramic	AA
C826	VCEAPF0GW107M	J	100 4.0V	Electrolytic	AC
C827	VCKYCY1EF104Z	J	0.1 25V	Ceramic	AA
C829	VCE9PF1CN475M	J	4.7 16V	Elect. (N.P)	AD
C830	VCKYCY1CF224Z	J	0.22 16V	Ceramic	AA
C831	VCKYCY1CF224Z	J	0.22 16V	Ceramic	AA
C832	VCKYCY1CF224Z	J	0.22 16V	Ceramic	AA
C833	VCEAPF0GW107M	J	100 4.0V	Electrolytic	AC
C834	VCKYCY1EF104Z	J	0.1 25V	Ceramic	AA
C835	VCEAPF0JW107M	J	100 6.3V	Electrolytic	AC
C836	RC-KZ1025CEZZ	J	1 10V	Ceramic	AB
C837	RC-KZ1025CEZZ	J	1 10V	Ceramic	AB
C838	VCEAPF0GW107M	J	100 4.0V	Electrolytic	AC
C839	RC-KZ1025CEZZ	J	1 10V	Ceramic	AB
C840	VCKYTV1CF105Z	J	1.0 16V	Ceramic	AB
C1101	VCKYCY1EF104Z	J	0.1 25V	Ceramic	AA
C1102	VCKYCY1EF104Z	J	0.1 25V	Ceramic	AA
C1103	VCKYCY1EF104Z	J	0.1 25V	Ceramic	AA
C1104	VCKYCY1EF104Z	J	0.1 25V	Ceramic	AA
C1105	VCKYCY1EF104Z	J	0.1 25V	Ceramic	AA
C1106	VCKYCY1EF104Z	J	0.1 25V	Ceramic	AA
C1107	VCKYCY1EF104Z	J	0.1 25V	Ceramic	AA
C1108	VCKYCY1EF104Z	J	0.1 25V	Ceramic	AA
C1109	VCKYCY1EF104Z	J	0.1 25V	Ceramic	AA
C1110	VCKYCY1EF104Z	J	0.1 25V	Ceramic	AA

Ref. No.	Part No.	★	Description	Code
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C1111	VCKYCY1EF104Z	J	0.1 25V	Ceramic	AA
C1112	VCKYCY1EF104Z	J	0.1 25V	Ceramic	AA
C1113	VCKYCY1EF104Z	J	0.1 25V	Ceramic	AA
C1114	VCKYCY1EF104Z	J	0.1 25V	Ceramic	AA
C1115	VCKYCY1EF104Z	J	0.1 25V	Ceramic	AA
C1116	VCKYCY1EF104Z	J	0.1 25V	Ceramic	AA
C1117	VCCCCY1HH560J	J	56p 50V	Ceramic	AA
C1118	VCKYCY1EF104Z	J	0.1 25V	Ceramic	AA
C1119	VCKYTV1CF105Z	J	1.0 16V	Ceramic	AB
C1120	VCKYCY1EF104Z	J	0.1 25V	Ceramic	AA
C1122	VCKYTV1CF105Z	J	1.0 16V	Ceramic	AB
C1123	VCKYCY1EF104Z	J	0.1 25V	Ceramic	AA
C1124	VCKYCY1EF104Z	J	0.1 25V	Ceramic	AA
C1125	VCEAPF0JN107M	J	100 6.3V	Electrolytic	AD
C1126	RC-EZ1339CEZZ	J	220 16V	Electrolytic	AD
C1127	VCEAPF1CN107M	J	100 16V	Electrolytic	AD
C1128	VCE9PF1CN106M	J	10 16V	Elect. (N.P)	AD
C1129	RC-EZ1339CEZZ	J	220 16V	Electrolytic	AD
C1202	VCKYCY1EF104Z	J	0.1 25V	Ceramic	AA
C1203	VCKYCY1EF104Z	J	0.1 25V	Ceramic	AA
C1204	VCCCCY1HH220J	J	22p 50V	Ceramic	AA
C1205	VCCCCY1HH220J	J	22p 50V	Ceramic	AA
C1206	VCEAPF1HN106M	J	10 50V	Electrolytic	AD
C1207	VCKYCY1EF104Z	J	0.1 25V	Ceramic	AA
C1208	VCKYTV1HF104Z	J	0.1 50V	Ceramic	AA
C1209	VCEASH0JN227MY	J	220 6.3V	Electrolytic	AC
C1210	VCEAPF0GW107M	J	100 4.0V	Electrolytic	AC
C1211	VCKYCY1EF104Z	J	0.1 25V	Ceramic	AA
C1212	VCKYCY1EF104Z	J	0.1 25V	Ceramic	AA
C1213	VCEAPF0JW107M	J	100 6.3V	Electrolytic	AC
C1214	VCEAPF0GW107M	J	100 4.0V	Electrolytic	AC
C1215	RC-KZ1025CEZZ	J	1 10V	Ceramic	AB
C1216	VCEAPF1VW226M	J	22 35V	Electrolytic	AB
C1218	VCEAPF1CN106M	J	10 16V	Electrolytic	AD
C1219	VCKYCY1EF104Z	J	0.1 25V	Ceramic	AA
C1220	VCKYCY1EF104Z	J	0.1 25V	Ceramic	AA
C1222	VCKYCY1EF104Z	J	0.1 25V	Ceramic	AA
C2001	VCKYCY1HB102K	J	1000p 50V	Ceramic	AA
C2002	VCCCCY1HH221J	J	220p 50V	Ceramic	AA
C2003	VCEAPF1HW105M	J	1 0 50V	Electrolytic	AB
C2006	VCKYCY1EF104Z	J	0.1 25V	Ceramic	AA
C2007	VCKYCY1EF104Z	J	0.1 25V	Ceramic	AA
C2009	VCKYCY1EF104Z	J	0.1 25V	Ceramic	AA
C2010	VCKYCY1EF104Z	J	0.1 25V	Ceramic	AA
C2015	VCKYCY1HB561K	J	560p 50V	Ceramic	AA
C2016	VCKYCY1EF104Z	J	0.1 25V	Ceramic	AA
C2017	VCKYCY1EF104Z	J	0.1 25V	Ceramic	AA
C2019	VCCCCY1HH470J	J	47p 50V	Ceramic	AA
C7104	VCEAPF1CN107M	J	100 16V	Electrolytic	AD
C7105	VCKYCY1EF104Z	J	0.1 25V	Ceramic	AA

RESISTORS

R401	VRS-CY1JF104J	J	100k 1/16W	Metal Oxide	AA
R402	VRS-CY1JF333J	J	33k 1/16W	Metal Oxide	AA
R403	VRS-CY1JF103J	J	10k 1/16W	Metal Oxide	AA
R404	VRS-CY1JF101J	J	100 1/16W	Metal Oxide	AA
R405	VRS-CY1JF562J	J	5.6k 1/16W	Metal Oxide	AA
R406	VRS-CY1JF332J	J	3.3k 1/16W	Metal Oxide	AA
R407	VRS-CY1JF000J	J	0 1/16W	Metal Oxide	AA
R408	VRS-CY1JF332J	J	3.3k 1/16W	Metal Oxide	AA
R409	VRS-CY1JF103J	J	10k 1/16W	Metal Oxide	AA
R410	VRS-CY1JF474J	J	470k 1/16W	Metal Oxide	AA
R412	VRS-CY1JF562J	J	5.6k 1/16W	Metal Oxide	AA
R414	VRS-CY1JF105J	J	1.0M 1/16W	Metal Oxide	AA
R415	VRS-CY1JF105J	J	1.0M 1/16W	Metal Oxide	AA
R416	VRS-CY1JF105J	J	1.0M 1/16W	Metal Oxide	AA
R417	VRS-CY1JF101J	J	100 1/16W	Metal Oxide	AA
R418	VRS-CY1JF101J	J	100 1/16W	Metal Oxide	AA
R419	VRS-CY1JF101J	J	100 1/16W	Metal Oxide	AA
R701	VRS-CY1JF1R0J	J	1.0 1/16W	Metal Oxide	AA
R702	VRS-CY1JF154J	J	150k 1/16W	Metal Oxide	AA
R703	VRS-CY1JF274J	J	270k 1/16W	Metal Oxide	AA
R705	VRS-CY1JF1R0J	J	1.0 1/16W	Metal Oxide	AA
R726	VRS-CY1JF1R0J	J	1.0 1/16W	Metal Oxide	AA
R727	VRS-CY1JF102J	J	1.0k 1/16W	Metal Oxide	AA
R739	VRS-CY1JF102J	J	1.0k 1/16W	Metal Oxide	AA

Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code
DUNTKA562DE01 MAIN UNIT (Continued)					R1204	VRS-CB1JF220J	J 22	1/16W Metal Oxide	AC
R740	VRS-CY1JF102J	J 1.0k	1/16W Metal Oxide	AA	R1205	VRS-CA1JF220J	J 22	1/16W Metal Oxide	AA
R801	VRS-CB1JF000J	J 0	1/16W Metal Oxide	AC	R1206	VRS-CB1JF220J	J 22	1/16W Metal Oxide	AC
R802	VRS-CB1JF000J	J 0	1/16W Metal Oxide	AC	R1207	VRS-CA1JF220J	J 22	1/16W Metal Oxide	AA
R803	VRS-CB1JF000J	J 0	1/16W Metal Oxide	AC	R1208	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA
R804	VRS-CA1JF101J	J 100	1/16W Metal Oxide	AA	R1209	VRS-CA1JF220J	J 22	1/16W Metal Oxide	AA
R805	VRS-CY1JF105J	J 1.0M	1/16W Metal Oxide	AA	R1210	VRS-CY1JF220J	J 22	1/16W Metal Oxide	AA
R807	VRS-CY1JF750J	J 75	1/16W Metal Oxide	AA	R1211	VRS-CY1JF221J	J 220	1/16W Metal Oxide	AA
R808	VRS-CY1JF750J	J 75	1/16W Metal Oxide	AA	R1212	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA
R809	VRS-CY1JF750J	J 75	1/16W Metal Oxide	AA	R1213	VRS-CY1JF223J	J 22k	1/16W Metal Oxide	AA
R810	VRS-CB1JF000J	J 0	1/16W Metal Oxide	AC	R1214	VRS-CB1JF000J	J 0	1/16W Metal Oxide	AC
R811	VRS-CY1JF222J	J 2.2k	1/16W Metal Oxide	AA	R1216	VRS-CY1JF103J	J 10k	1/16W Metal Oxide	AA
R812	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA	R1217	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA
R813	VRS-CB1JF000J	J 0	1/16W Metal Oxide	AC	R1218	VRS-CA1JF101J	J 100	1/16W Metal Oxide	AA
R814	VRS-CY1JF332J	J 3.3k	1/16W Metal Oxide	AA	R1219	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA
R815	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA	R1220	VRS-CY1JF472J	J 4.7k	1/16W Metal Oxide	AA
R816	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA	R1221	VRS-CB1JF332J	J 3.3k	1/16W Metal Oxide	AC
R819	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA	R1222	VRS-CB1JF000J	J 0	1/16W Metal Oxide	AC
R826	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA	R1223	VRS-CA1JF101J	J 100	1/16W Metal Oxide	AA
R831	VRS-CY1JF102J	J 1.0k	1/16W Metal Oxide	AA	R1225	VRS-CY1JF472J	J 4.7k	1/16W Metal Oxide	AA
R832	VRS-CY1JF102J	J 1.0k	1/16W Metal Oxide	AA	R1228	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA
R833	VRS-CY1JF102J	J 1.0k	1/16W Metal Oxide	AA	R1230	VRS-CY1JF562J	J 5.6k	1/16W Metal Oxide	AA
R834	VRS-CY1JF102J	J 1.0k	1/16W Metal Oxide	AA	R1231	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA
R836	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA	R1232	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA
R838	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA	R1233	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA
R1101	VRS-CA1JF333J	J 33k	1/16W Metal Oxide	AA	R1234	VRS-CY1JF472J	J 4.7k	1/16W Metal Oxide	AA
R1102	VRS-CA1JF103J	J 10k	1/16W Metal Oxide	AA	R1235	VRS-CB1JF473J	J 47k	1/16W Metal Oxide	AC
R1104	VRS-CA1JF333J	J 33k	1/16W Metal Oxide	AA	R1236	VRS-CB1JF473J	J 47k	1/16W Metal Oxide	AC
R1105	VRS-CY1JF104J	J 100k	1/16W Metal Oxide	AA	R1238	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA
R1106	VRS-CA1JF333J	J 33k	1/16W Metal Oxide	AA	R2001	VRS-CY1JF102J	J 1.0k	1/16W Metal Oxide	AA
R1107	VRS-CA1JF103J	J 10k	1/16W Metal Oxide	AA	R2002	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA
R1108	VRS-CA1JF103J	J 10k	1/16W Metal Oxide	AA	R2003	VRS-CA1JF223J	J 22k	1/16W Metal Oxide	AA
R1109	VRS-CA1JF333J	J 33k	1/16W Metal Oxide	AA	R2007	VRS-CY1JF223J	J 22k	1/16W Metal Oxide	AA
R1110	VRS-CY1JF104J	J 100k	1/16W Metal Oxide	AA	R2009	VRS-CY1JF102J	J 1.0k	1/16W Metal Oxide	AA
R1111	VRS-CY1JF104J	J 100k	1/16W Metal Oxide	AA	R2010	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA
R1112	VRS-CY1JF103F	J 10k	1/16W Metal Oxide	AA	R2011	VRS-CB1JF101J	J 100	1/16W Metal Oxide	AA
R1113	VRS-CA1JF333J	J 33k	1/16W Metal Oxide	AA	R2012	VRS-CA1JF103J	J 10k	1/16W Metal Oxide	AA
R1114	VRS-CY1JF103F	J 10k	1/16W Metal Oxide	AA	R2013	VRS-CA1JF223J	J 22k	1/16W Metal Oxide	AA
R1115	VRS-CY1JF102J	J 1.0k	1/16W Metal Oxide	AA	R2014	VRS-CA1JF101J	J 100	1/16W Metal Oxide	AA
R1116	VRS-CY1JF102J	J 1.0k	1/16W Metal Oxide	AA	R2015	VRS-CB1JF331J	J 330	1/16W Metal Oxide	AC
R1117	VRS-CY1JF102J	J 1.0k	1/16W Metal Oxide	AA	R2016	VRS-CY1JF103J	J 10k	1/16W Metal Oxide	AA
R1118	VRS-CY1JF823F	J 82k	1/16W Metal Oxide	AA	R2017	VRS-CA1JF102J	J 1.0k	1/16W Metal Oxide	AA
R1119	VRS-CY1JF472F	J 4.7k	1/16W Metal Oxide	AA	R2018	VRS-CY1JF223J	J 22k	1/16W Metal Oxide	AA
R1120	VRS-TX2HF8R2J	J 8.2	1/2W Metal Oxide	AA	R2019	VRS-CY1JF471J	J 470	1/16W Metal Oxide	AA
R1121	VRS-CY1JF181J	J 180	1/16W Metal Oxide	AA	R2020	VRS-CY1JF105J	J 1.0M	1/16W Metal Oxide	AA
R1123	VRS-CY1JF181J	J 180	1/16W Metal Oxide	AA	R2021	VRS-CY1JF102J	J 1.0k	1/16W Metal Oxide	AA
R1124	VRS-CY1JF472F	J 4.7k	1/16W Metal Oxide	AA	R2022	VRS-CA1JF101J	J 100	1/16W Metal Oxide	AA
R1125	VRS-TX2HF101J	J 100	1/2W Metal Oxide	AA	R2025	VRS-CY1JF223J	J 22k	1/16W Metal Oxide	AA
R1126	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA	R2026	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA
R1127	VRS-TX2HF1R0J	J 1.0	1/2W Metal Oxide	AA	R2027	VRS-CY1JF223J	J 22k	1/16W Metal Oxide	AA
R1128	VRS-CY1JF105J	J 1.0M	1/16W Metal Oxide	AA	R2029	VRS-CY1JF223J	J 22k	1/16W Metal Oxide	AA
R1129	VRS-CY1JF563F	J 56k	1/16W Metal Oxide	AA	R2030	VRS-CA1JF333J	J 33k	1/16W Metal Oxide	AA
R1130	VRS-TX2HF5R6J	J 5.6	1/2W Metal Oxide	AA	R2033	VRS-CB1JF101J	J 100	1/16W Metal Oxide	AA
R1131	VRS-CY1JF105J	J 1.0M	1/16W Metal Oxide	AA	R2036	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA
R1132	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA	R2037	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA
R1133	VRS-CY1JF223F	J 22k	1/16W Metal Oxide	AA	R2041	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA
R1134	VRS-CY1JF822F	J 8.2k	1/16W Metal Oxide	AA	R2044	VRS-CY1JF103J	J 10k	1/16W Metal Oxide	AA
R1135	VRS-CY1JF561J	J 560	1/16W Metal Oxide	AA	R2045	VRS-CY1JF103J	J 10k	1/16W Metal Oxide	AA
R1136	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA	R2050	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA
R1137	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA	R2051	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA
R1138	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA	R2052	VRS-CY1JF223J	J 22k	1/16W Metal Oxide	AA
R1143	VRS-CY1JF103J	J 10k	1/16W Metal Oxide	AA	R2053	VRS-CY1JF223J	J 22k	1/16W Metal Oxide	AA
R1144	VRS-CY1JF103J	J 10k	1/16W Metal Oxide	AA	R2054	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA
R1145	VRS-CY1JF103J	J 10k	1/16W Metal Oxide	AA	MISCELLANEOUS PARTS				
R1146	VRS-CY1JF123J	J 12k	1/16W Metal Oxide	AA	FB801	RBLN-0090CEZZ	J	Ferrite Bead	AD
R1147	VRS-CY1JF100J	J 10	1/16W Metal Oxide	AA	FB802	RBLN-0090CEZZ	J	Ferrite Bead	AD
R1149	VRS-CY1JF563J	J 56k	1/16W Metal Oxide	AA	FB1201	RBLN-0090CEZZ	J	Ferrite Bead	AD
R1150	VRS-CY1JF103F	J 10k	1/16W Metal Oxide	AA	FB1203	RBLN-0076TAZZ	J	Ferrite Bead	AC
R1151	VRS-CY1JF103F	J 10k	1/16W Metal Oxide	AA	P2001	QPLGN0558REZZ	J	Plug, 5-pin	AE
R1152	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA	P2003	QPLGN1058REZZY	J	Plug, 10-pin	AD
R1153	VRS-CY1JF820J	J 82	1/16W Metal Oxide	AA	P2004	QPLGN0165FJZZ	J	Plug, 5-pin	AD
R1202	VRS-CB1JF220J	J 22	1/16W Metal Oxide	AC	SC1201	QSOCN0461FJZZ	J	Socket, 53-pin	AH
R1203	VRS-CA1JF220J	J 22	1/16W Metal Oxide	AA	SC1202	QSOCN0206FJZZ	J	Socket, 30-pin	AF
					SC2001	QSOCN0464FJZZ	J	Socket, 50-pin	AH
						LHLDW1025TAZZ	J	Holder	AB

Ref. No.	Part No.	★	Description	Code
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DUNTKA563DE01 TERMINAL UNIT

TUNER

NOTE: THE PARTS HERE SHOWN ARE SUPPLIED AS AN ASSEMBLY BUT NOT INDEPENDENTLY.

TU3201	VTUVT2U5UF553	J	Tuner	BC
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INTEGRATED CIRCUITS

IC3301	VHINJM4560M-1	J	NJM4560M	AG
IC3302	VHINJM4560M-1	J	NJM4560M	AG
IC3303	VHINJM4560M-1	J	NJM4560M	AG
IC3304	RH-iX3370CEN1Q	J	MSP3440G-QA-B8	AY
IC3305	VHILA4635A+-1S	J	LA4635A	AM
IC3501	VHITC4053BF1E	J	TC4053BF	AF
IC3701	VHINJM2377M-1	J	NJM2377M	AK
IC3702	VHINJM2147M-1	J	NJM2147M-TE1	AF

TRANSISTORS

Q3201	VS2SC2712Y/-1	J	C2712Y	AB
Q3202	VS2SC2712Y/-1	J	C2712Y	AB
Q3303	VSDTA144EE/-1	J	A144EE	AA
Q3304	VSDTC314TK/-1	J	C314TK	AC
Q3305	VSDTC314TK/-1	J	C314TK	AC
Q3306	VS2SC2712Y/-1	J	C2712Y	AB
Q3500	VSUMG4N++++-1Y	J	UMG4	AB
Q3501	VS2SK1467/-1	J	K1467	AE
Q3502	VS2SK1467/-1	J	K1467	AE
Q3503	VS2SC3928AR-1	J	C3928AR	AB
Q3504	VS2SC3928AR-1	J	C3928AR	AB
Q3505	VSDTC144EE/-1	J	C144EE	AA
Q3510	VSDTC314TK/-1	J	C314TK	AC
Q3511	VSDTC314TK/-1	J	C314TK	AC
Q3512	VS2SA1037KQ-1	J	A1037	AA
Q3600	VSUPA606T/-1	J	A606T	AD
Q3700	VSFMMT718/-1	J	FMMT718	AE
Q3701	VSDTC144EE/-1	J	C144EE	AA
Q3702	VS2SK2503/-1	J	K2503	AE
Q3704	VS2SC2712Y/-1	J	C2712Y	AB
Q3705	VS2SC2712Y/-1	J	C2712Y	AB
Q3706	VSFMY3/////1	J	FMY3	AB
Q3707	VS2SC2712Y/-1	J	C2712Y	AB
Q3708	VSDTC114YE/-1	J	C144YE	AB

DIODES

D3301	RH-EX1396CEZZY	J	Zener Diode	AB
D3302	VHDDAN222/-1	J	Diode	AA
D3401	RH-EX1271CEZZ	J	Zener Diode	AB
D3402	RH-EX1271CEZZ	J	Zener Diode	AB
D3501	VHDDAN222/-1	J	Diode	AA
D3601	VHDI MN10///-1	J	Diode	AB
D3603	VHDI MN10///-1	J	Diode	AB
D3700	VHDDAN222/-1	J	Diode	AA
D3703	VHDSFPB56//2E	J	Diode	AC
D3704	VHD1SS250//1E	J	Diode	AB
D3705	VHD1SS250//1E	J	Diode	AB
D3706	VHDSFPB74//2E	J	Diode	AD
D3707	VHDSFPB74//2E	J	Diode	AD
D3708	VHDDAN222/-1	J	Diode	AA
D3709	VHDDAN222/-1	J	Diode	AA

CRYSTAL

X3301	RCRSB0250GEZZ	J	Crystal	AG
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COILS

L3201	VP-1M220J2R9N	J	Peaking 22μH	AC
L3202	RCiLC0141CEZZ	J	Coil	AF
L3301	VP-1M101J7R7N	J	Peaking 100μH	AC
L3302	VP-1M4R7J1R2N	J	Peaking 4.7μH	AB
L3500	VP-1M101J7R7N	J	Peaking 100μH	AC
L3700	RCiLC0130CEZZ	J	Coil	AG
L3702	RCiLC0130CEZZ	J	Coil	AG

Ref. No.	Part No.	★	Description	Code
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TRANSFORMER

T3701	RTRNZ0800CEZZY	J	Transformer	AM
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CONTROL

R3760	RVR-M8026TAZZ	J	1k (B) +B Adj.	AC
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CAPACITORS

C3201	VCKYCY1HB102K	J	1000p 50V Ceramic	AA
C3202	VCCCCY1HH330J	J	33p 50V Ceramic	AA
C3203	VCCCCY1HH330J	J	33p 50V Ceramic	AA
C3204	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C3205	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C3206	VCKYCY1HF103Z	J	0.01 50V Ceramic	AA
C3208	RC-EZ1351CEZZ	J	3300 63V Electrolytic	AF
C3210	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C3308	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C3309	VCKYCY1HB153K	J	0.015 50V Ceramic	AA
C3310	VCKYCY1HB153K	J	0.015 50V Ceramic	AA
C3311	VCKYCY1CB273K	J	0.027 16V Ceramic	AA
C3312	VCKYCY1CB273K	J	0.027 16V Ceramic	AA
C3313	VCKYCY1HB153K	J	0.015 50V Ceramic	AA
C3314	VCKYCY1HB153K	J	0.015 50V Ceramic	AA
C3315	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C3316	VCKYCY1CB273K	J	0.027 16V Ceramic	AA
C3317	VCKYCY1CB273K	J	0.027 16V Ceramic	AA
C3318	VCKYCY1CB273K	J	0.027 16V Ceramic	AA
C3319	VCKYCY1CB273K	J	0.027 16V Ceramic	AA
C3320	VCEAPF1CN476M	J	47 16V Electrolytic	AD
C3321	VCEAPF1HN225M	J	2.2 50V Electrolytic	AD
C3322	VCEAPF1HN225M	J	2.2 50V Electrolytic	AD
C3323	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C3324	VCEAPF1HN225M	J	2.2 50V Electrolytic	AD
C3325	VCEAPF1HN225M	J	2.2 50V Electrolytic	AD
C3328	VCEAPF1HN225M	J	2.2 50V Electrolytic	AD
C3329	VCEAPF1HN225M	J	2.2 50V Electrolytic	AD
C3330	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C3332	VCEAPF0JN107M	J	100 6.3V Electrolytic	AD
C3333	VCEAPF1CN107M	J	100 16V Electrolytic	AD
C3334	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C3335	VCKYCY1HB102K	J	1000p 50V Ceramic	AA
C3336	VCKYCY1HB102K	J	1000p 50V Ceramic	AA
C3337	VCEAPF1CN106M	J	10 16V Electrolytic	AD
C3338	VCEAPF1CN106M	J	10 16V Electrolytic	AD
C3339	VCEAPF1HN335MY	J	3.3 50V Electrolytic	AD
C3340	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C3341	VCCCCY1HH101J	J	100p 50V Ceramic	AA
C3342	VCCCCY1HH101J	J	100p 50V Ceramic	AA
C3343	VCCCCY1HH101J	J	100p 50V Ceramic	AA
C3344	VCCCCY1HH101J	J	100p 50V Ceramic	AA
C3345	VCCCCY1HH101J	J	100p 50V Ceramic	AA
C3346	VCCCCY1HH101J	J	100p 50V Ceramic	AA
C3349	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C3350	VCEAPF1CN106M	J	10 16V Electrolytic	AD
C3351	RC-KZ1025CEZZ	J	1 10V Ceramic	AB
C3352	VCEAPF0JN107M	J	100 6.3V Electrolytic	AD
C3354	VCCCCY1HH560J	J	56p 50V Ceramic	AA
C3355	VCCCCY1HH560J	J	56p 50V Ceramic	AA
C3356	VCCCCY1HH560J	J	56p 50V Ceramic	AA
C3357	VCCCCY1HH5R0C	J	5.0p 50V Ceramic	AA
C3358	VCCCCY1HH5R0C	J	5.0p 50V Ceramic	AA
C3359	VCEAPF1CN106M	J	10 16V Electrolytic	AD
C3360	VCEAPF1CN107M	J	100 16V Electrolytic	AD
C3361	VCEAPF1HN105M	J	1.0 50V Electrolytic	AD
C3362	VCKYCY1HB102K	J	1000p 50V Ceramic	AA
C3363	VCEAPF1HN225M	J	2.2 50V Electrolytic	AD
C3364	VCEAPF1HN105M	J	1.0 50V Electrolytic	AD
C3365	VCKYCY1HB102K	J	1000p 50V Ceramic	AA
C3366	VCEAPF1HN225M	J	2.2 50V Electrolytic	AD
C3367	VCEAPF1CN106M	J	10 16V Electrolytic	AD
C3368	VCEAPF1CN106M	J	10 16V Electrolytic	AD
C3369	RC-EZ1274CEZZ	J	1000 16V Electrolytic	AD
C3370	VCKYTV1CF105Z	J	1.0 16V Ceramic	AB
C3371	VCEA4U1CN228M	J	2200 16V Electrolytic	AE
C3372	RC-EZ1274CEZZ	J	1000 16V Electrolytic	AD
C3375	VCKYCY1EB223K	J	0.022 25V Ceramic	AA

Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code
DUNTKA563DE01					R3320	VRS-CY1JF393F	J	39k 1/16W	Metal Oxide AA
TERMINAL UNIT (Continued)					R3321	VRS-CY1JF433F	J	43k 1/16W	Metal Oxide AA
C3377	VCKYCY1EB223K	J	0.022 25V Ceramic	AA	R3322	VRS-CY1JF183J	J	18k 1/16W	Metal Oxide AA
C3380	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA	R3323	VRS-CY1JF433F	J	43k 1/16W	Metal Oxide AA
C3383	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA	R3324	VRS-CY1JF183J	J	18k 1/16W	Metal Oxide AA
C3384	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA	R3325	VRS-CY1JF183F	J	18k 1/16W	Metal Oxide AA
C3385	VCKYCY1HB562K	J	5600p 50V Ceramic	AA	R3326	VRS-CY1JF183F	J	18k 1/16W	Metal Oxide AA
C3386	VCKYCY1HB562K	J	5600p 50V Ceramic	AA	R3327	VRS-CY1JF204F	J	200k 1/16W	Metal Oxide AA
C3387	VCKYCY1HB471K	J	470p 50V Ceramic	AA	R3328	VRS-CY1JF204F	J	200k 1/16W	Metal Oxide AA
C3388	VCKYCY1HB471K	J	470p 50V Ceramic	AA	R3331	VRS-CY1JF473J	J	47k 1/16W	Metal Oxide AA
C3389	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA	R3332	VRS-CY1JF473J	J	47k 1/16W	Metal Oxide AA
C3401	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA	R3333	VRS-CY1JF223J	J	22k 1/16W	Metal Oxide AA
C3507	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA	R3334	VRS-CY1JF223J	J	22k 1/16W	Metal Oxide AA
C3508	RC-EZ0417CEZZ	J	150 16V Electrolytic	AD	R3335	VRS-CY1JF102J	J	1.0k 1/16W	Metal Oxide AA
C3509	VCEAPF1CW107M	J	100 16V Electrolytic	AD	R3336	VRS-CY1JF102J	J	1.0k 1/16W	Metal Oxide AA
C3510	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA	R3337	VRS-CY1JF104J	J	100k 1/16W	Metal Oxide AA
C3512	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA	R3338	VRS-CY1JF104J	J	100k 1/16W	Metal Oxide AA
C3513	VCEAPW1CN477M	J	470 16V Electrolytic	AE	R3341	VRS-CY1JF221J	J	220 1/16W	Metal Oxide AA
C3514	VCEAPF0JW336M	J	33 6.3V Electrolytic	AB	R3342	VRS-CY1JF221J	J	220 1/16W	Metal Oxide AA
C3515	VCEAPF0JW226M	J	22 6.3V Electrolytic	AB	R3343	VRS-CY1JF104J	J	100k 1/16W	Metal Oxide AA
C3516	RC-KZ1025CEZZ	J	1 10V Ceramic	AB	R3344	VRS-CY1JF104J	J	100k 1/16W	Metal Oxide AA
C3517	VCKYCY1EB223K	J	0.022 25V Ceramic	AA	R3347	VRS-CY1JF102J	J	1.0k 1/16W	Metal Oxide AA
C3518	VCKYCY1EB223K	J	0.022 25V Ceramic	AA	R3348	VRS-CY1JF104J	J	100k 1/16W	Metal Oxide AA
C3520	VCEAPF1EW475M	J	4.7 25V Electrolytic	AB	R3350	VRS-CY1JF102J	J	1.0k 1/16W	Metal Oxide AA
C3521	VCEAPF1EW475M	J	4.7 25V Electrolytic	AB	R3351	VRS-CY1JF104J	J	100k 1/16W	Metal Oxide AA
C3522	VCEAPF1CW106M	J	10 16V Electrolytic	AB	R3353	VRS-CY1JF101J	J	100 1/16W	Metal Oxide AA
C3603	VCKYTQ1EF105Z	J	1.0 25V Ceramic	AD	R3354	VRS-CY1JF101J	J	100 1/16W	Metal Oxide AA
C3604	VCKYTQ1EF105Z	J	1.0 25V Ceramic	AD	R3355	VRS-CY1JF101J	J	100 1/16W	Metal Oxide AA
C3700	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA	R3357	VRS-CY1JF105J	J	1.0M 1/16W	Metal Oxide AA
C3701	VCEAPF1EW475M	J	4.7 25V Electrolytic	AB	R3358	VRS-CY1JF562J	J	5.6k 1/16W	Metal Oxide AA
C3702	RC-KZ1025CEZZ	J	1 10V Ceramic	AB	R3359	VRS-CY1JF101J	J	100 1/16W	Metal Oxide AA
C3703	VCEAPT1CN226M	J	22 16V Electrolytic	AC	R3360	VRS-CY1JF102J	J	1.0k 1/16W	Metal Oxide AA
C3704	VCCCCY1HH471J	J	470p 50V Ceramic	AA	R3361	VRS-CY1JF102J	J	1.0k 1/16W	Metal Oxide AA
C3705	VCKYCY1EB103K	J	0.01 25V Ceramic	AA	R3362	VRS-CY1JF182J	J	1.8k 1/16W	Metal Oxide AA
C3710	VCEASH1CN337MY	J	330 16V Electrolytic	AE	R3363	VRS-CY1JF182J	J	1.8k 1/16W	Metal Oxide AA
C3711	VCKYCY1HB562K	J	5600p 50V Ceramic	AA	R3364	VRS-CY1JF122J	J	1.2k 1/16W	Metal Oxide AA
C3712	RC-EZ1176CEZZ	J	100 16V Electrolytic	AK	R3365	VRS-CY1JF332J	J	3.3k 1/16W	Metal Oxide AA
C3713	VCKYCY1HB562K	J	5600p 50V Ceramic	AA	R3366	VRS-CY1JF332J	J	3.3k 1/16W	Metal Oxide AA
C3714	VCEASH1HN476MY	J	47 50V Electrolytic	AD	R3367	VRS-CY1JF102J	J	1.0k 1/16W	Metal Oxide AA
C3715	VCKYTV1HF104Z	J	0.1 50V Ceramic	AA	R3369	VRS-CY1JF101J	J	100 1/16W	Metal Oxide AA
C3716	VCEASH1EN227MY	J	220 25V Electrolytic	AE	R3370	VRS-CY1JF101J	J	100 1/16W	Metal Oxide AA
C3717	VCKYTV1CF105Z	J	1.0 16V Ceramic	AB	R3371	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA
C3718	VCEASH1CN337MY	J	330 16V Electrolytic	AE	R3372	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA
C3719	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA	R3373	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA
C3720	VCCCCY1HH181J	J	180p 50V Ceramic	AA	R3374	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA
C3721	VCKYTV1CF105Z	J	1.0 16V Ceramic	AB	R3375	VRS-CY1JF682J	J	6.8k 1/16W	Metal Oxide AA
C3722	RC-EZ1177CEZZ	J	150 6.3V Electrolytic	AH	R3376	VRS-CY1JF102J	J	1k 1/16W	Metal Oxide AA
C3724	VCEASH1CN337MY	J	330 16V Electrolytic	AE	R3377	VRS-CY1JF682J	J	6.8k 1/16W	Metal Oxide AA
C3725	VCKYTV1CF105Z	J	1.0 16V Ceramic	AB	R3378	VRS-CY1JF102J	J	1k 1/16W	Metal Oxide AA
C3727	VCEAPW0JN477M	J	470 6.3V Electrolytic	AE	R3379	VRS-CY1JF822J	J	8.2k 1/16W	Metal Oxide AA
C3728	VCKYTV1CF105Z	J	1.0 16V Ceramic	AB	R3380	VRS-CY1JF103J	J	10k 1/16W	Metal Oxide AA
C3730	VCKYTV1HF104Z	J	0.1 50V Ceramic	AA	R3381	VRS-CY1JF562J	J	5.6k 1/16W	Metal Oxide AA
C3731	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA	R3383	VRS-CY1JF153J	J	15k 1/16W	Metal Oxide AA
C3732	RC-KZ1025CEZZ	J	1 10V Ceramic	AB	R3384	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA
C3733	RC-KZ1025CEZZ	J	1 10V Ceramic	AB	R3386	VRS-CY1JF113F	J	11k 1/16W	Metal Oxide AA
C3734	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA	R3387	VRS-CY1JF113F	J	11k 1/16W	Metal Oxide AA
C3735	VCKYCY1HF103Z	J	0.01 50V Ceramic	AA	R3388	VRS-CY1JF113F	J	11k 1/16W	Metal Oxide AA
C3736	VCEA4U1CN228M	J	2200 16V Electrolytic	AE	R3389	VRS-CY1JF113F	J	11k 1/16W	Metal Oxide AA
RESISTORS					R3401	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA
R3201	VRS-CY1JF102J	J	1.0k 1/16W	Metal Oxide AA	R3402	VRS-TQ2BD750J	J	75 1/8W	Metal Oxide AA
R3202	VRS-CY1JF153J	J	15k 1/16W	Metal Oxide AA	R3409	VRS-CY1JF101J	J	100 1/16W	Metal Oxide AA
R3203	VRS-CY1JF332J	J	3.3k 1/16W	Metal Oxide AA	R3410	VRS-CY1JF101J	J	100 1/16W	Metal Oxide AA
R3204	VRS-CY1JF152J	J	1.5k 1/16W	Metal Oxide AA	R3411	VRS-TQ2BD750J	J	75 1/8W	Metal Oxide AA
R3205	VRS-CY1JF331J	J	330 1/16W	Metal Oxide AA	R3412	VRS-TQ2BD750J	J	75 1/8W	Metal Oxide AA
R3206	VRS-CY1JF102J	J	1.0k 1/16W	Metal Oxide AA	R3413	VRS-CY1JF101J	J	100 1/16W	Metal Oxide AA
R3207	VRS-CY1JF102J	J	1.0k 1/16W	Metal Oxide AA	R3428	VRS-CY1JF750J	J	75 1/16W	Metal Oxide AA
R3208	VRS-CA1JF561J	J	560 1/16W	Metal Oxide AA	R3429	VRS-CY1JF750J	J	75 1/16W	Metal Oxide AA
R3315	VRS-CY1JF433F	J	43k 1/16W	Metal Oxide AA	R3430	VRS-CY1JF750J	J	75 1/16W	Metal Oxide AA
R3316	VRS-CY1JF182J	J	1.8k 1/16W	Metal Oxide AA	R3431	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA
R3317	VRS-CY1JF433F	J	43k 1/16W	Metal Oxide AA	R3432	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA
R3318	VRS-CY1JF182J	J	1.8k 1/16W	Metal Oxide AA	R3433	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA
R3319	VRS-CY1JF393F	J	39k 1/16W	Metal Oxide AA	R3434	VRS-CY1JF103J	J	10k 1/16W	Metal Oxide AA
					R3523	VRS-CY1JF103J	J	10k 1/16W	Metal Oxide AA
					R3524	VRS-CY1JF103J	J	10k 1/16W	Metal Oxide AA
					R3528	VRS-CY1JF821J	J	820 1/16W	Metal Oxide AA

Ref. No. Part No. ★ Description Code

DUNTKA563DE01 TERMINAL UNIT (Continued)

R3529	VRS-CY1JF821J	J 820	1/16W	Metal Oxide	AA
R3530	VRS-CY1JF104J	J 100k	1/16W	Metal Oxide	AA
R3531	VRS-TQ2BD750J	J 75	1/8W	Metal Oxide	AA
R3532	VRS-CY1JF000J	J 0	1/16W	Metal Oxide	AA
R3533	VRS-CY1JF680J	J 68	1/16W	Metal Oxide	AA
R3534	VRS-CY1JF101J	J 100	1/16W	Metal Oxide	AA
R3535	VRS-CY1JF223J	J 22k	1/16W	Metal Oxide	AA
R3536	VRS-CY1JF562J	J 5.6k	1/16W	Metal Oxide	AA
R3537	VRS-CY1JF272J	J 2.7k	1/16W	Metal Oxide	AA
R3542	VRS-CY1JF680J	J 68	1/16W	Metal Oxide	AA
R3543	VRS-CY1JF562J	J 5.6k	1/16W	Metal Oxide	AA
R3544	VRS-CY1JF104J	J 100k	1/16W	Metal Oxide	AA
R3545	VRS-CY1JF103J	J 10k	1/16W	Metal Oxide	AA
R3546	VRS-CY1JF000J	J 0	1/16W	Metal Oxide	AA
R3547	VRS-CY1JF000J	J 0	1/16W	Metal Oxide	AA
R3550	VRS-TX2HF331J	J 330	1/2W	Metal Oxide	AB
R3551	VRS-TX2HF331J	J 330	1/2W	Metal Oxide	AB
R3552	VRS-CY1JF153J	J 15k	1/16W	Metal Oxide	AA
R3553	VRS-CY1JF000J	J 0	1/16W	Metal Oxide	AA
R3600	VRS-CA1JF182JY	J 1.8k	1/16W	Metal Oxide	AB
R3604	VRS-CA1JF824JY	J 820k	1/16W	Metal Oxide	AB
R3606	VRS-CA1JF562J	J 5.6k	1/16W	Metal Oxide	AA
R3607	VRS-CY1JF563J	J 56k	1/16W	Metal Oxide	AA
R3700	VRS-CY1JF472J	J 4.7k	1/16W	Metal Oxide	AA
R3701	VRS-CY1JF000J	J 0	1/16W	Metal Oxide	AA
R3702	VRS-TW2ED102J	J 1.0k	1/4W	Metal Oxide	AA
R3703	VRS-CY1JF274J	J 270k	1/16W	Metal Oxide	AA
R3704	VRS-CY1JF133F	J 13k	1/16W	Metal Oxide	AA
R3705	VRS-CY1JF184J	J 180k	1/16W	Metal Oxide	AA
R3706	VRS-CY1JF100J	J 10	1/16W	Metal Oxide	AA
R3707	VRS-CY1JF105J	J 1.0M	1/16W	Metal Oxide	AA
R3708	VRS-CY1JF682J	J 6.8k	1/16W	Metal Oxide	AA
R3710	VRS-CY1JF273F	J 27k	1/16W	Metal Oxide	AA
R3716	VRS-TX2HF000J	J 0	1/2W	Metal Oxide	AA
R3718	VRS-CR3AD821J	J 820	1W	Metal Oxide	AC
R3721	VRS-CY1JF000J	J 0	1/16W	Metal Oxide	AA
R3722	VRS-CY1JF000J	J 0	1/16W	Metal Oxide	AA
R3724	VRS-CY1JF1R0J	J 1.0	1/16W	Metal Oxide	AA
R3725	VRS-CY1JF000J	J 0	1/16W	Metal Oxide	AA
R3726	VRS-TQ2BD683J	J 68k	1/8W	Metal Oxide	AA
R3727	VRS-CY1JF000J	J 0	1/16W	Metal Oxide	AA
R3728	VRS-CY1JF393J	J 39k	1/16W	Metal Oxide	AA
R3729	VRS-CY1JF000J	J 0	1/16W	Metal Oxide	AA
R3730	VRS-CY1JF223J	J 22k	1/16W	Metal Oxide	AA
R3731	VRS-CY1JF222J	J 2.2k	1/16W	Metal Oxide	AA
R3732	VRS-CY1JF000J	J 0	1/16W	Metal Oxide	AA
R3733	VRS-CY1JF102J	J 1.0k	1/16W	Metal Oxide	AA
R3734	VRS-CY1JF103F	J 10k	1/16W	Metal Oxide	AA
R3735	VRS-CY1JF183F	J 18k	1/16W	Metal Oxide	AA
R3736	VRS-CY1JF183F	J 18k	1/16W	Metal Oxide	AA
R3737	VRS-CY1JF103J	J 10k	1/16W	Metal Oxide	AA
R3738	VRS-CY1JF103F	J 10k	1/16W	Metal Oxide	AA
R3739	VRS-CY1JF622F	J 6.2k	1/16W	Metal Oxide	AA
R3740	VRS-CY1JF473F	J 47k	1/16W	Metal Oxide	AA
R3741	VRS-CY1JF472F	J 4.7k	1/16W	Metal Oxide	AA
R3742	VRS-CY1JF362F	J 3.6k	1/16W	Metal Oxide	AA
R3743	VRS-CY1JF332F	J 3.3k	1/16W	Metal Oxide	AA
R3744	VRS-CY1JF332F	J 3.3k	1/16W	Metal Oxide	AA
R3745	VRS-CY1JF682F	J 6.8k	1/16W	Metal Oxide	AA
R3746	VRS-CY1JF122F	J 1.2k	1/16W	Metal Oxide	AA
R3747	VRS-CY1JF102J	J 1.0k	1/16W	Metal Oxide	AA
R3748	VRS-CY1JF153J	J 15k	1/16W	Metal Oxide	AA
R3749	VRS-CY1JF102J	J 1.0k	1/16W	Metal Oxide	AA
R3750	VRS-CY1JF391J	J 390	1/16W	Metal Oxide	AA
R3751	VRS-TV1JD103J	J 10k	1/16W	Metal Oxide	AA
R3752	VRS-CY1JF102J	J 1.0k	1/16W	Metal Oxide	AA
R3754	VRS-CY1JF103J	J 10k	1/16W	Metal Oxide	AA
R3761	VRS-CY1JF272J	J 2.7k	1/16W	Metal Oxide	AA
R3762	VRS-TQ2BD122J	J 1.2k	1/8W	Metal Oxide	AA

Ref. No. Part No. ★ Description Code

MISCELLANEOUS PARTS

△ F3701	QFS-B2021GEZZ	J Fuse, 2A/125V	AD
△ F3703	QFS-B2521GEZZ	J Fuse, 2.5A/125V	AD
FB3301	RBLN-0006TAZZ	J Ferrite Bead	AB
FB3302	RBLN-0035TAZZ	J Ferrite Bead	AB
FB3700	RBLN-0095CEZZ	J Ferrite Bead	AD
FB3701	RBLN-0095CEZZ	J Ferrite Bead	AD
FB3704	RBLN-0051TAZZ	J Ferrite Bead	AC
FB3705	RBLN-0051TAZZ	J Ferrite Bead	AC
FB3706	RBLN-0051TAZZ	J Ferrite Bead	AC
FB3707	RBLN-0051TAZZ	J Ferrite Bead	AC
FB3708	RBLN-0051TAZZ	J Ferrite Bead	AC
FB3709	RBLN-0095CEZZ	J Ferrite Bead	AD
FH3701	QFSHD1002CEZZ	J Fuse Holder	AA
FH3702	QFSHD1002CEZZ	J Fuse Holder	AA
FH3705	QFSHD1002CEZZ	J Fuse Holder	AA
FH3706	QFSHD1002CEZZ	J Fuse Holder	AA
J3301	QJAKE0200CE09	J Jack, COMPONENT AUDIO (L)	AE
J3302	QJAKE0200CE02	J Jack, COMPONENT AUDIO (R)	AE
J3401	QJAKE0200CE04	J Jack, AV-IN2/OUT VIDEO	AE
J3402	QJAKE0200CE09	J Jack, AV-IN2/OUT AUDIO (L)	AE
J3403	QJAKE0200CE02	J Jack, AV-IN2/OUT AUDIO (R)	AE
J3404	QJAKE0200CE05	J Jack, COMPONENT Y	AE
J3405	QJAKE0200CE06	J Jack, COMPONENT PB	AE
J3406	QJAKE0200CE02	J Jack, COMPONENT PR	AE
J3500	QJAKJ0046CEZZ	J Jack, HEADPHONE	AE
J3702	QJAKE0151CEZZ	J Jack, POWER INPUT (DC 12V)	AE
P3402	QPLGZ1993GEZZ	J Plug, 19-pin	AE
P3500	QPLGN0174FJZZ	J Plug, 2-pin	AC
P3501	QPLGN0174FJZZ	J Plug, 2-pin	AC
P3600	QPLGN0155FJZZ	J Plug, 3-pin (HV)	AE
P3702	QPLGN0578GEZZ	J Plug, 5-pin	AB
SC3403	QSOCN0464FJZZ	J Socket	AH
	LHLDW1025TAZZ	J Holder	AB

DUNTKA564DE01 OPERATION UNIT

DIODES

D4008	RH-EX0891CEZZ	J Zener Diode	AC
D4009	RH-EX0879CEZZ	J Zener Diode	AD
D4010	RH-EX0879CEZZ	J Zener Diode	AD

RESISTORS

R4005	VRS-CY1JF123J	J 12k 1/16W Metal Oxide	AA
R4006	VRS-CY1JF822J	J 8.2k 1/16W Metal Oxide	AA
R4011	VRS-CY1JF123J	J 12k 1/16W Metal Oxide	AA
R4012	VRS-CY1JF822J	J 8.2k 1/16W Metal Oxide	AA

SWITCHES

S4701	QSW-P0035GEZZ	J MAIN POWER	AF
SW4002	QSW-K0108CEZZ	J CH (∧)	AD
SW4003	QSW-K0108CEZZ	J CH (∨)	AD
SW4004	QSW-K0108CEZZ	J MENU	AD
SW4006	QSW-K0108CEZZ	J TV/VIDEO	AD
SW4007	QSW-K0108CEZZ	J VOL (+)	AD
SW4008	QSW-K0108CEZZ	J VOL (-)	AD

MISCELLANEOUS PARTS

P4004	QPLGN0564TAZZ	J Plug, 5-pin	AC
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Ref. No.	Part No.	★	Description	Code
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DUNTKA565DE01 JACK UNIT

TRANSISTORS

Q5701	VSFZT1053A/-1	J	FZT1053A	AG
Q5702	VSFZT1053A/-1	J	FZT1053A	AG
Q5703	VS2SA1162Y/-1	J	A1162Y	AB

COILS

L5701	RCILC0107CEZZ	J	Coil	AF
L5702	RCILC0107CEZZ	J	Coil	AF

TRANSFORMERS

T5701	RTRNZ0777CEZZ	J	Transformer	AM
T5702	RTRNZ0777CEZZ	J	Transformer	AM

CAPACITORS

C5701	RC-FZ0174CEZZ	J	0.12 100V Mylar	AG
C5702	RC-FZ0174CEZZ	J	0.12 100V Mylar	AG
C5703	VCKYCY1CB273K	J	0.027 16V Ceramic	AA
C5704	VCKYCY1CB273K	J	0.027 16V Ceramic	AA
C5707	VCEA4A1CN108M	J	1000 16V Electrolytic	AD

RESISTORS

R5701	VRS-TW2ED332J	J	3.3k 1/4W Metal Oxide	AB
R5702	VRS-TW2ED332J	J	3.3k 1/4W Metal Oxide	AB
R5703	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R5704	VRS-CY1JF333J	J	33k 1/16W Metal Oxide	AA

MISCELLANEOUS PARTS

J5001	QJAKG0068CEZZ	J	AV-IN1	AG
P5701	QPLGN0155FJZZ	J	Plug, 3-pin (HV)	AE
SC5001	QSOC0456CEZZ	J	S-VIDEO	AE
SC5701	QSOCZ1994GEZZ	J	Socket, 19-pin	AD

DUNTKA566DE01 R/C RECEIVER UNIT

TRANSISTORS

Q4003	VSDTC144EE/-1	J	C144EE	AA
Q4004	VSDTC144EE/-1	J	C144EE	AA
Q4007	VSUMG4N++++-1Y	J	UMG4	AB

DIODES

D4012	RH-EX0879CEZZ	J	Zener Diode	AD
D4013	RH-EX0879CEZZ	J	Zener Diode	AD
D4014	RH-PX0421CEZZ	J	LED, POWER	AD
D4015	RH-PX0421CEZZ	J	LED, SLEEP	AD
D4022	RH-EX0879CEZZ	J	Zener Diode	AD

CAPACITOR

C4018	RC-KZ1025CEZZ	J	1 10V Ceramic	AB
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RESISTORS

R4021	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R4023	VRS-CY1JF472J	J	4.7k 1/16W Metal Oxide	AA
R4024	VRS-CY1JF471J	J	470 1/16W Metal Oxide	AA
R4029	VRS-CY1JF472J	J	4.7k 1/16W Metal Oxide	AA
R4030	VRS-CY1JF472J	J	4.7k 1/16W Metal Oxide	AA

MISCELLANEOUS PARTS

P4005	QPLGN0564TAZZ	J	Plug, 5-pin	AC
RMC4002	RRMCU0239CEZZ	J	R/C Receiver	AG

Ref. No.	Part No.	★	Description	Code
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CABINET PARTS LOCATION

1-1	CCABA2429CE01	J	Front Cabinet Ass'y	BF
1-2	Not Available	—	Front Cabinet	—
1-3	GCOVA2004CEZZ	J	Cover, R/C Receiver/LED	AE
1-4	PSPAG0388CEZZ	J	Spacer, x4	AC
1-5	PSPAG0389CEZZ	J	Spacer, x4	AB
1-6	PSPAH0605CEZZ	J	Spacer, x2	AC
1-7	PSPAH0606CEZZ	J	Spacer, x2	AD
1-8	PSPAH0678CEZZ	J	Spacer, x2	AA
1-9	QEARZ0051CEZZ	J	Grounding Part	AD
1-10	RSP-Z0131CEZZ	J	Speaker, Left	AR
1-11	RSP-Z0132CEZZ	J	Speaker, Right	AR
1-12	XETSD40P12000	J	Screw, x8	AB
1-13	PSPAH0706CEZZ	J	Spacer, x4	
	PSPAH0707CEZZ	J	Spacer, x4	

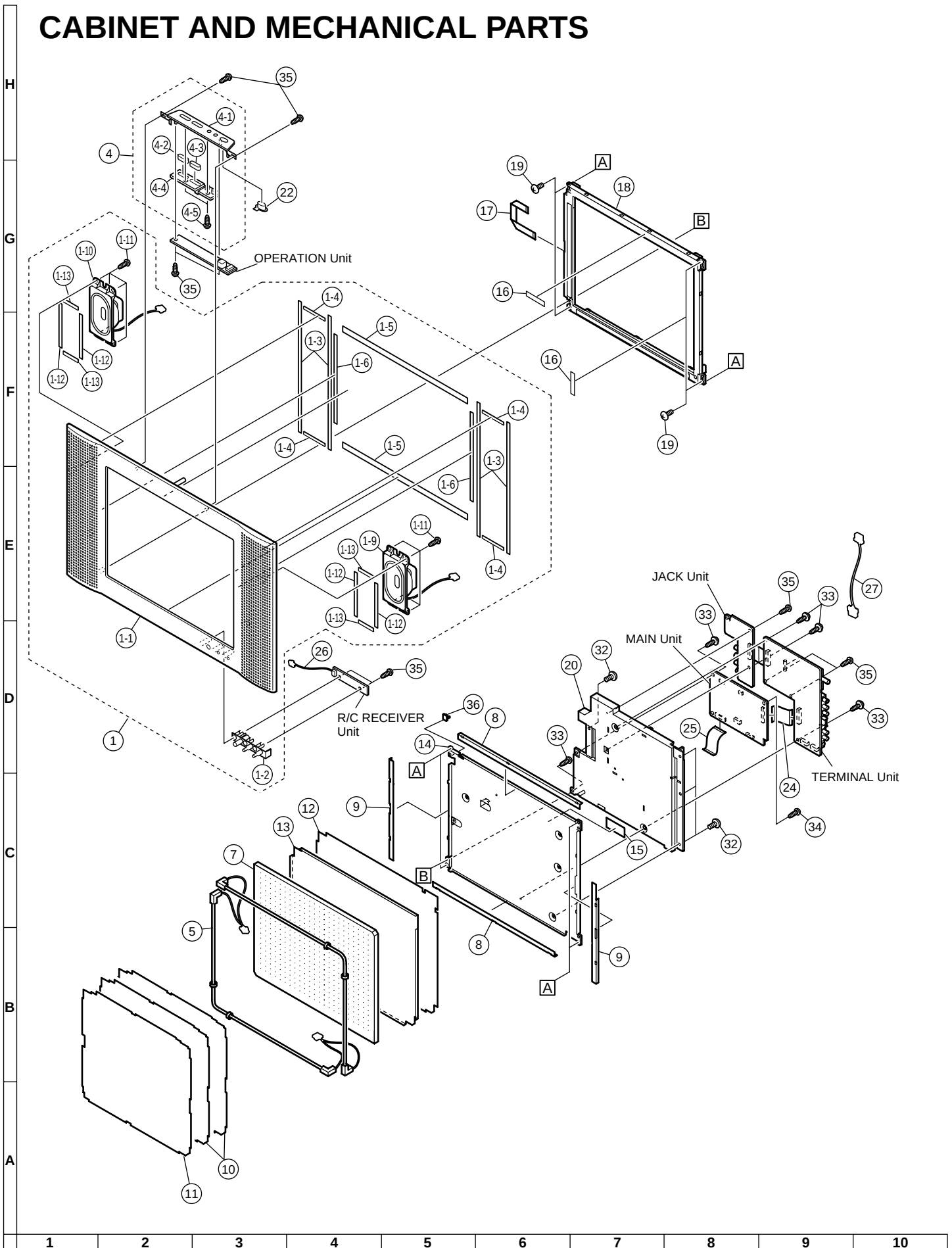
2	CCABB2316CE01	J	Rear Cabinet Ass'y	BA
2-1	Not Available	—	Rear Cabinet	—
2-2	LANGT9024CEFW	J	Fixing Metal	AL
2-3	TCAUH3096CESA	J	Caution Label	AE
2-4	TLABM4283CESA	J	Model Label	AG
2-5	XEBSD30P08000	J	Screw, x1	AA

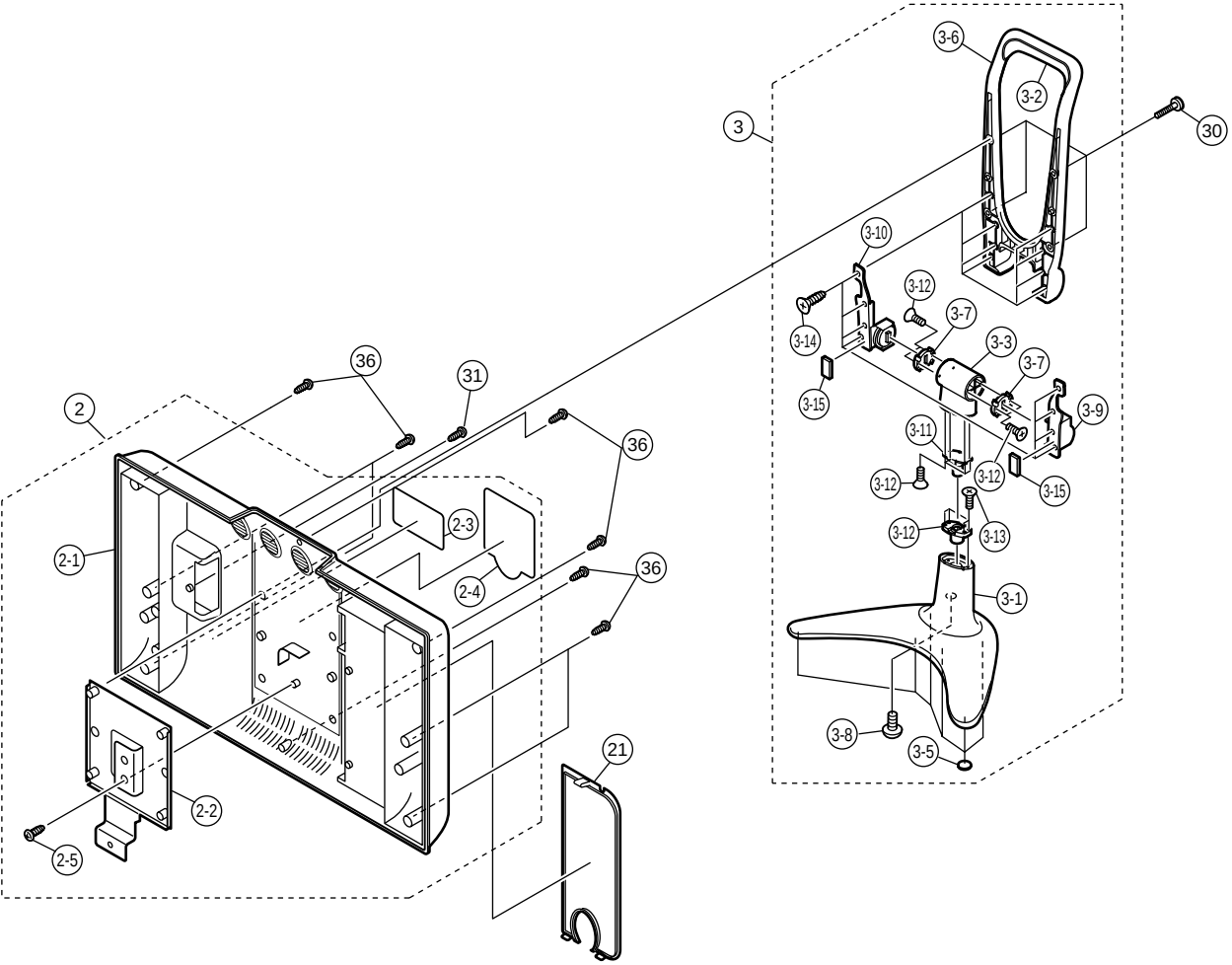
3	CDAi-1124CE04	J	Stand Ass'y	BN
3-1	Not Available	—	Stand, Base	—
3-1	GCOVA1945CESA	J	Cover, Handle	AK
3-3	GDai-1121CESA	J	Stand, Joint	AP
3-4	GDai-3048CESB	J	Stand	AM
3-5	GLEGG9093CEZZ	J	Foot, x6	AC
3-6	JHNDP0105CESA	J	Stand Handle	AW
3-7	LANGG0114CEFW	J	Fixing Metal, x2	AE
3-8	LX-BZ3441CEFN	J	Screw, x1	AD
3-9	MHNG-3038CEFW	J	Hinge, Left	AV
3-10	MHNG-3039CEFW	J	Hinge, Right	AP
3-11	MHNG-3033CEFW	J	Hinge, Side	AX
3-12	XESSD40P14000	J	Screw, x8	AB
3-13	XESSN40P10000	J	Screw, x8	AB
3-14	XUSSD40P20000	J	Screw, x4	AB
3-15	PSPAZ0415CEZZ	J	Spacer, x2	AB

4	CCOVA2002CE01	J	Button Cover Ass'y	AN
4-1	Not Available	—	Button Cover	—
4-2	GCOVA1943CEKA	J	Button Cover, VOL	AD
4-3	GCOVA1943CEKB	J	Button Cover, CH	AD
4-4	JBTN-2072CEKA	J	Operation Button	AE
4-5	XEBSD30P10000	J	Screw, x2	AA

△ 5	KLMP-0109CEZZ	J	Fluorescent Lamp	AZ
6	LHLDW1025TAZZ	J	Wire Holder, x1	AB
7	PGIDM0064CEZZ	J	Light Guide Plate	AX
8	PMIR-0287CEFW	J	Reflection Mirror(L)	AG
9	PMIR-0288CEFW	J	Reflection Mirror(S)	AF
10	PSHEP0244CEZZ	J	Diffusion Sheet, x2	AL
11	PSHEP0245CEZZ	J	Reflection/deflection Sheet	BB
12	PSHEP0246CEZZ	J	Lamp Reflection Sheet-1	AG
13	PSHEP0247CEZZ	J	Lamp Reflection Sheet-2	AG
14	PSLDM4660CEFW	J	Shielding Plate	AQ
15	PSPAG2003CEZZ	J	Spacer, Light Shielding	AA
16	PSPAH0607CEZZ	J	Spacer, x2	AB
17	QCNW-5876CEZZ	J	Connecting Cord	AG
18	RLCDT0065CEZZ	J	Display Unit	CX
19	XBBSD30P05000	J	Screw, x4	AA
20	GCOVA2001CEKA	J	Chassis Frame	AP
21	GCOVA2003CEKA	J	Back Cover	AL
22	JBTN-2066CEKA	J	Button, Power	AD
23	PSPAH0676CEZZ	J	Spacer	AA
24	QCNW-5908CEZZ	J	Main-Terminal	AE
25	QCNW-5941CEZZ	J	Source FFC	AE
26	QCNW-5973CEZZ	J	R/C-Main	AH
27	QCNW-6007CEN1	J	PW 5P 225mm	AD
28	TLABK0001TAZZ	J	Label	AA
29	TLABN0354CEZZ	J	Label	AD
30	LX-BZ3442CEFF	J	Screw, x4	AB

CABINET AND MECHANICAL PARTS



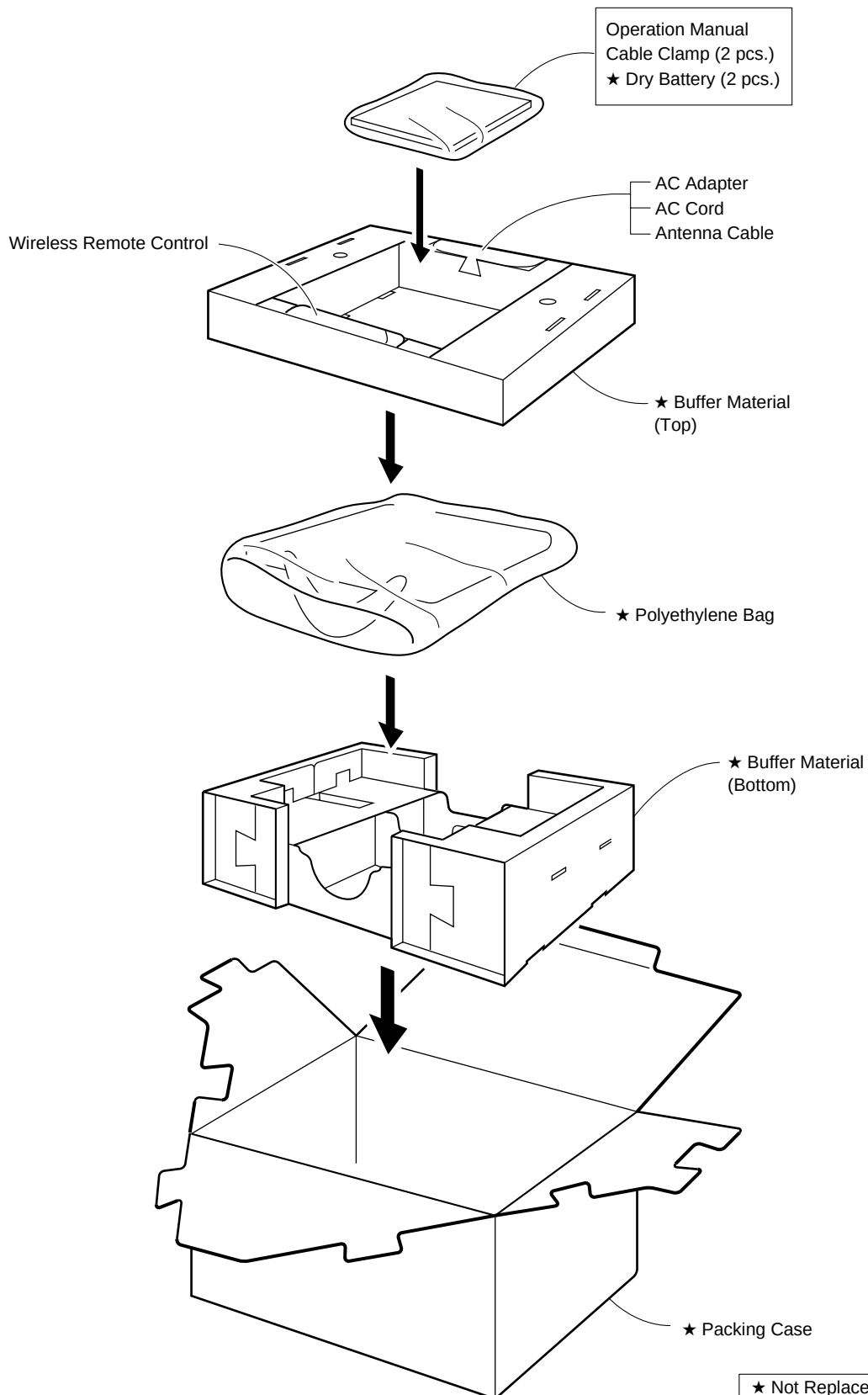


Ref. No.	Part No.	★	Description	Code
CABINET PARTS LOCATION (Continued)				
31	XBBSF30P05000	J	Screw, x1	AB
32	XBPSD30P03000	J	Screw, x3	AA
33	XBPSD30P10JS0	J	Screw, x4 (Earth)	AA
34	XEBSD30P08000	J	Screw, x1 (Main Unit)	AA
35	XEBSD30P12000	J	Screw, x10 (PNL/TER/LED)	AA
36	XEBSF30P14000	J	Screw, x8 (CAB-A/B)	AA

Ref. No.	Part No.	★	Description	Code
ACCESSORIES PARTS				
⚠	LHLDW0109CESA	J	Cable Clamp, x2	AD
	QACCD3097CEPA	J	AC Cord	AQ
	QCNW-5730CEZZ	J	Antenna Cable	AP
	RRMCG1664CESA	J	Wireless Remote Control	AV
⚠	TiNS-7417CEZZ	J	Operation Manual	AT
	UADP-0228CEPZ	J	AC Adapter	BE

PACKING PARTS (NOT REPLACEMENT ITEM)				
	SPAKC5557CEZZ	—	Packing Case	—
	SPAKP0911CEZZ	—	Wrapping Paper	—
	SPAKX2957CEZZ	—	Buffer Material	—
	SSAKA0160CEZZ	—	Polyethylene Bag	—

PACKING OF THE SET



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